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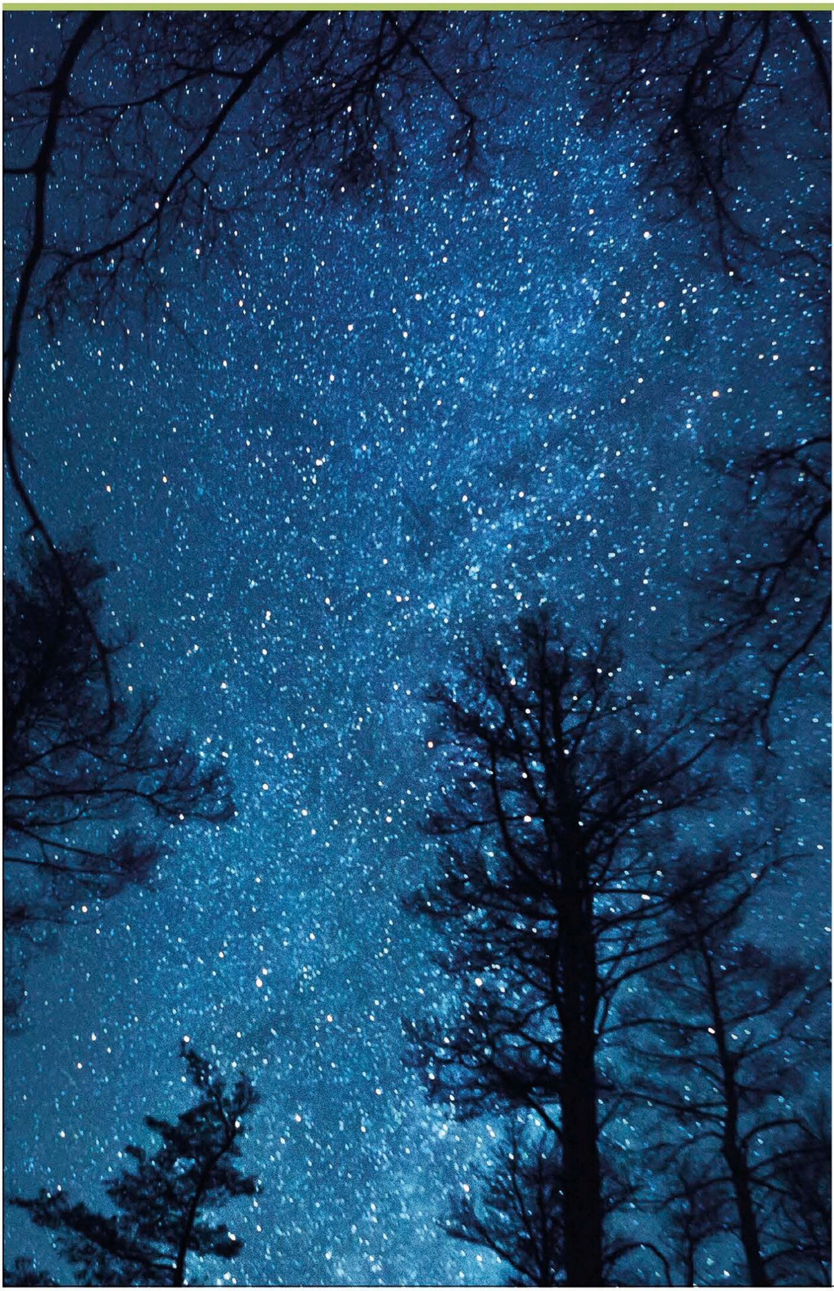

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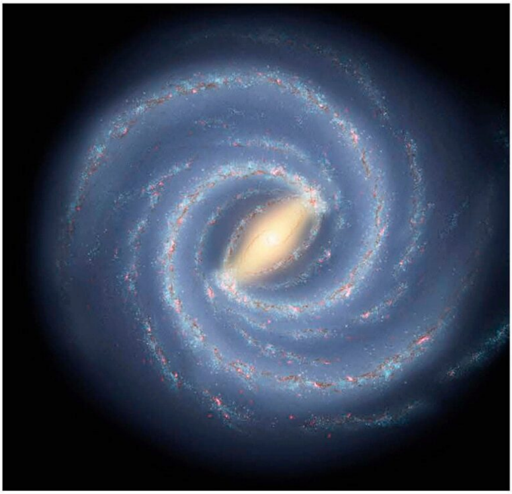

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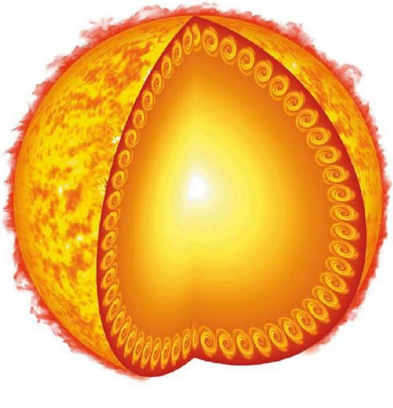

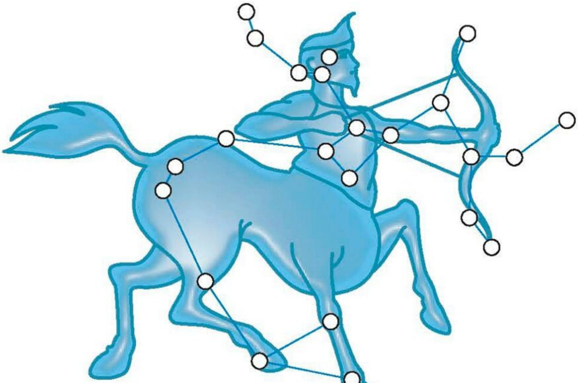

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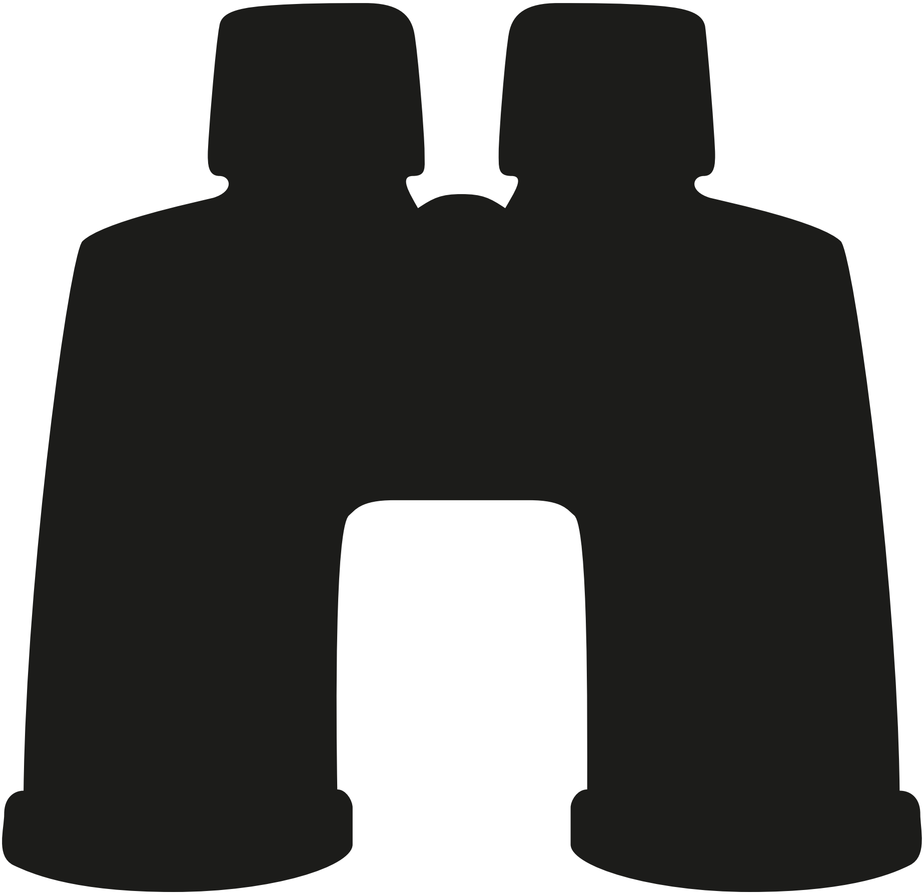

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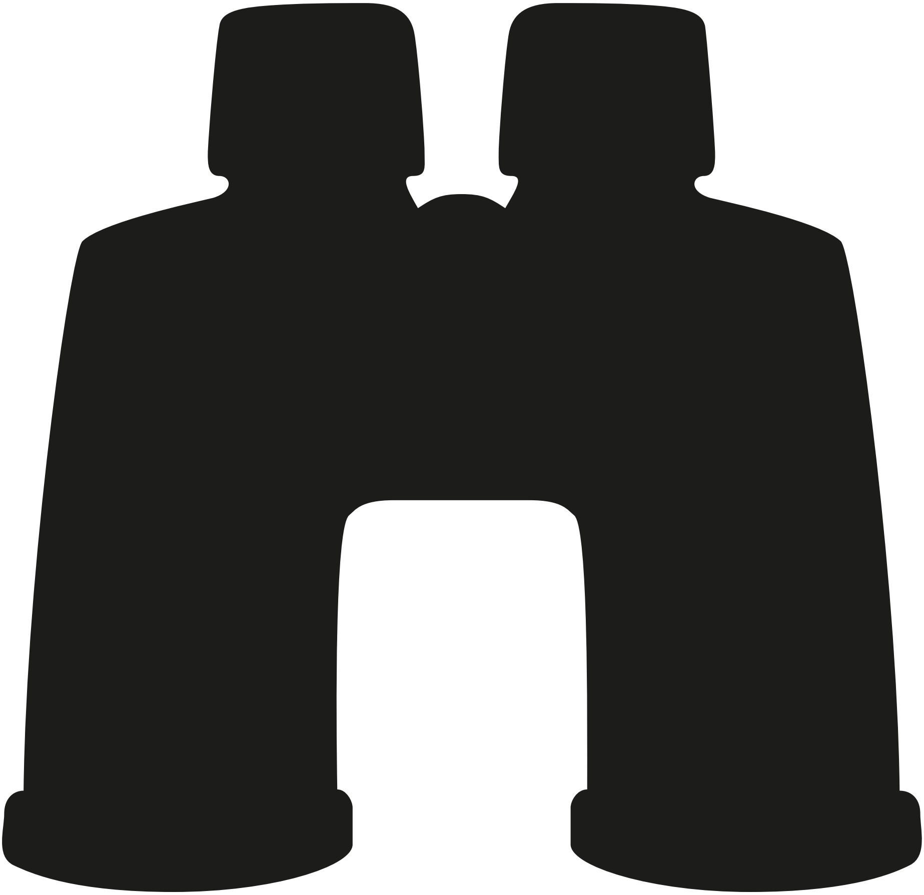

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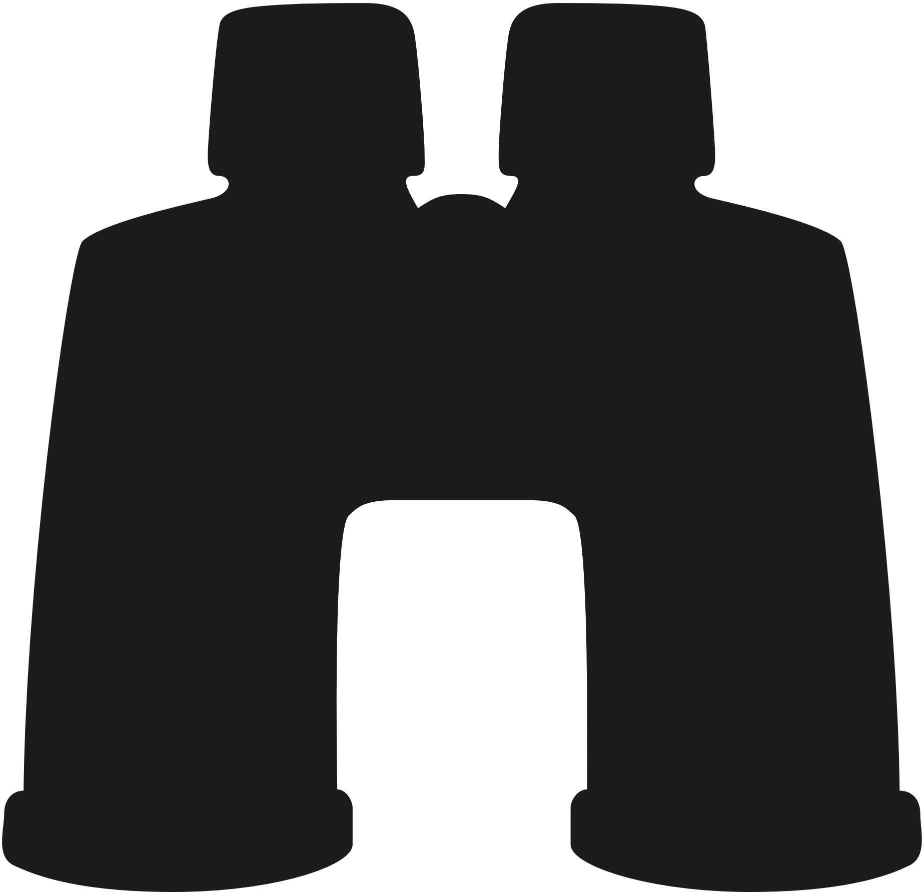

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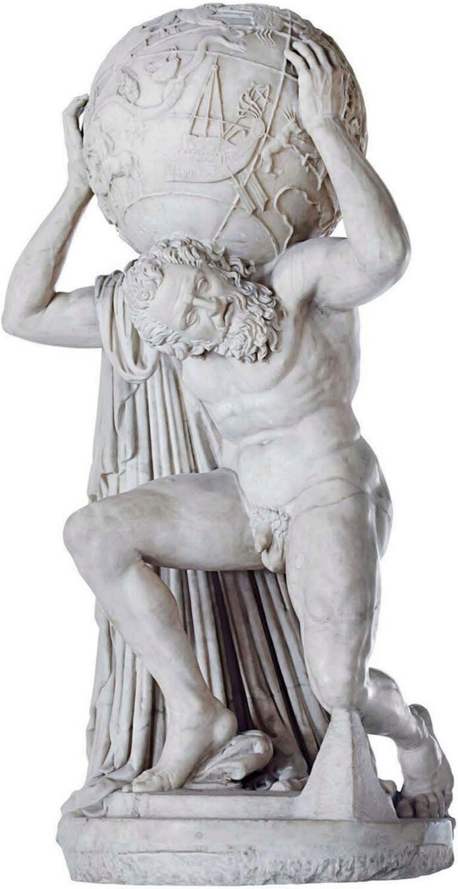

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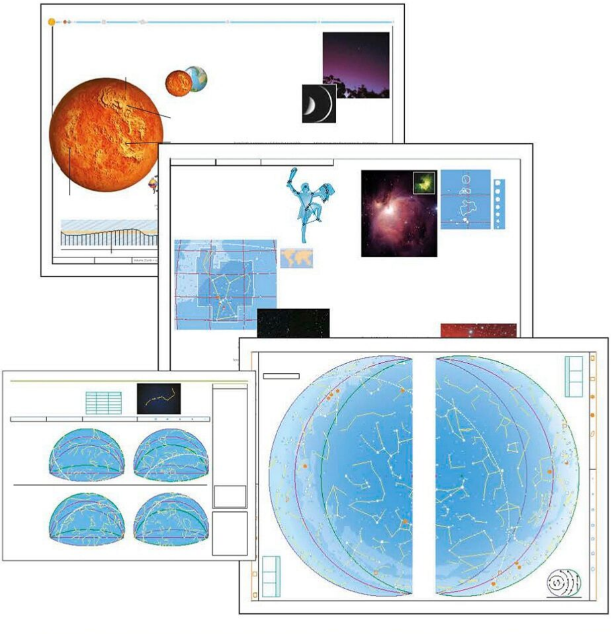

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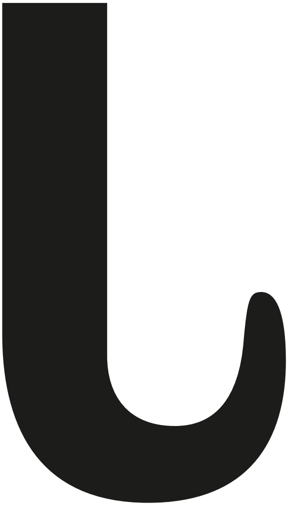

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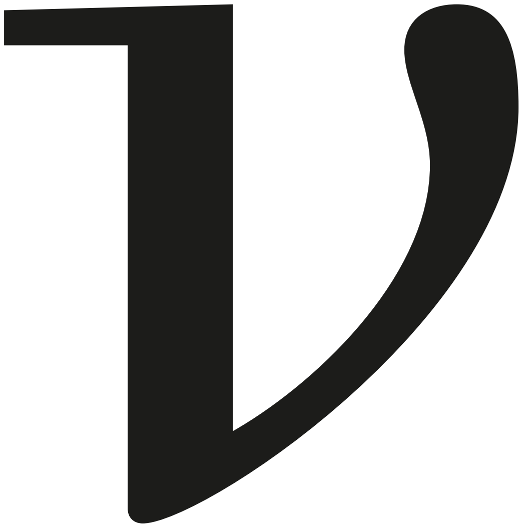

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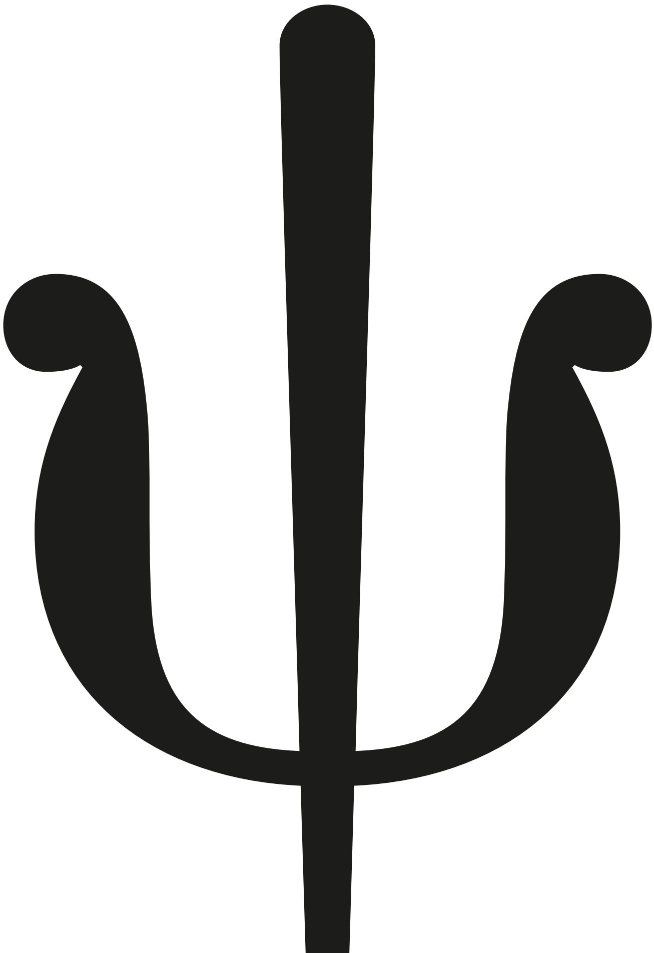

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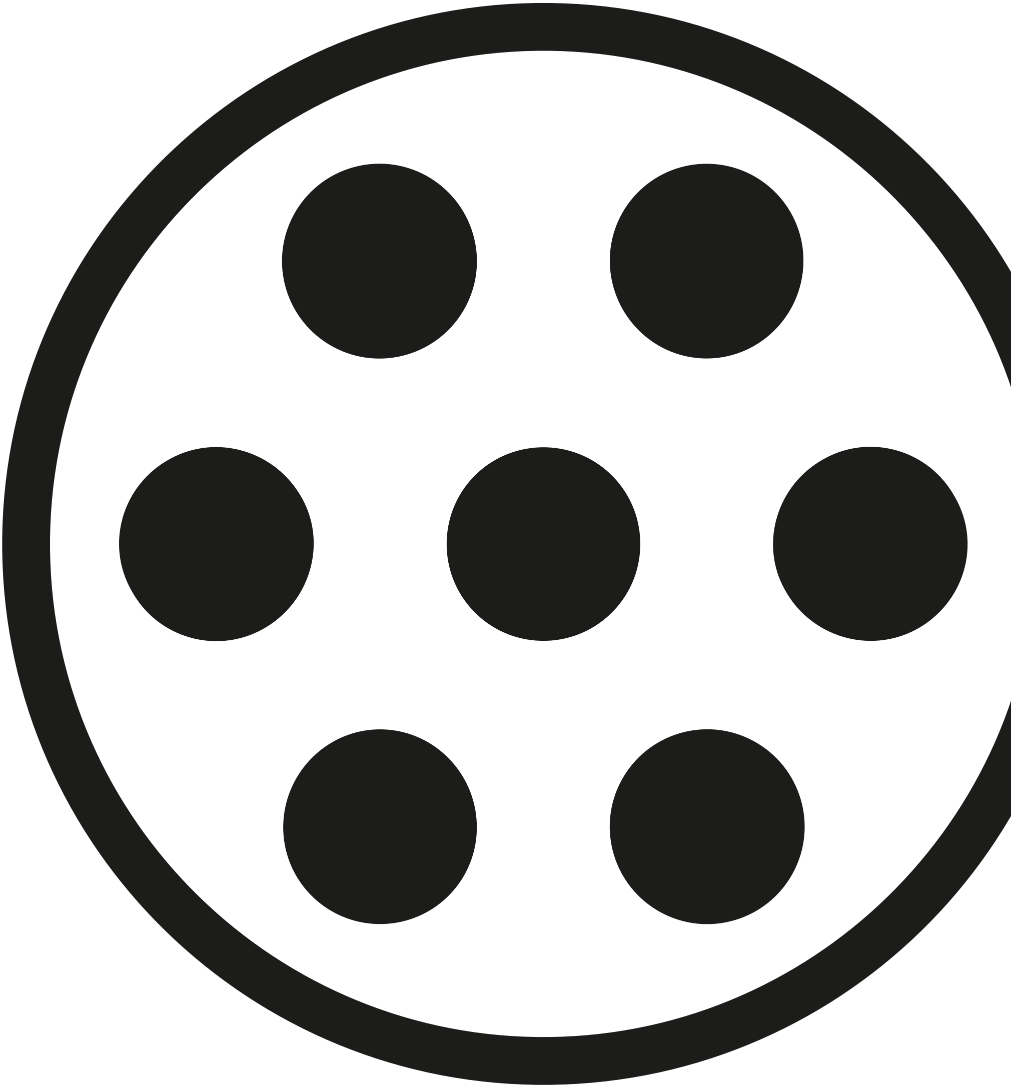

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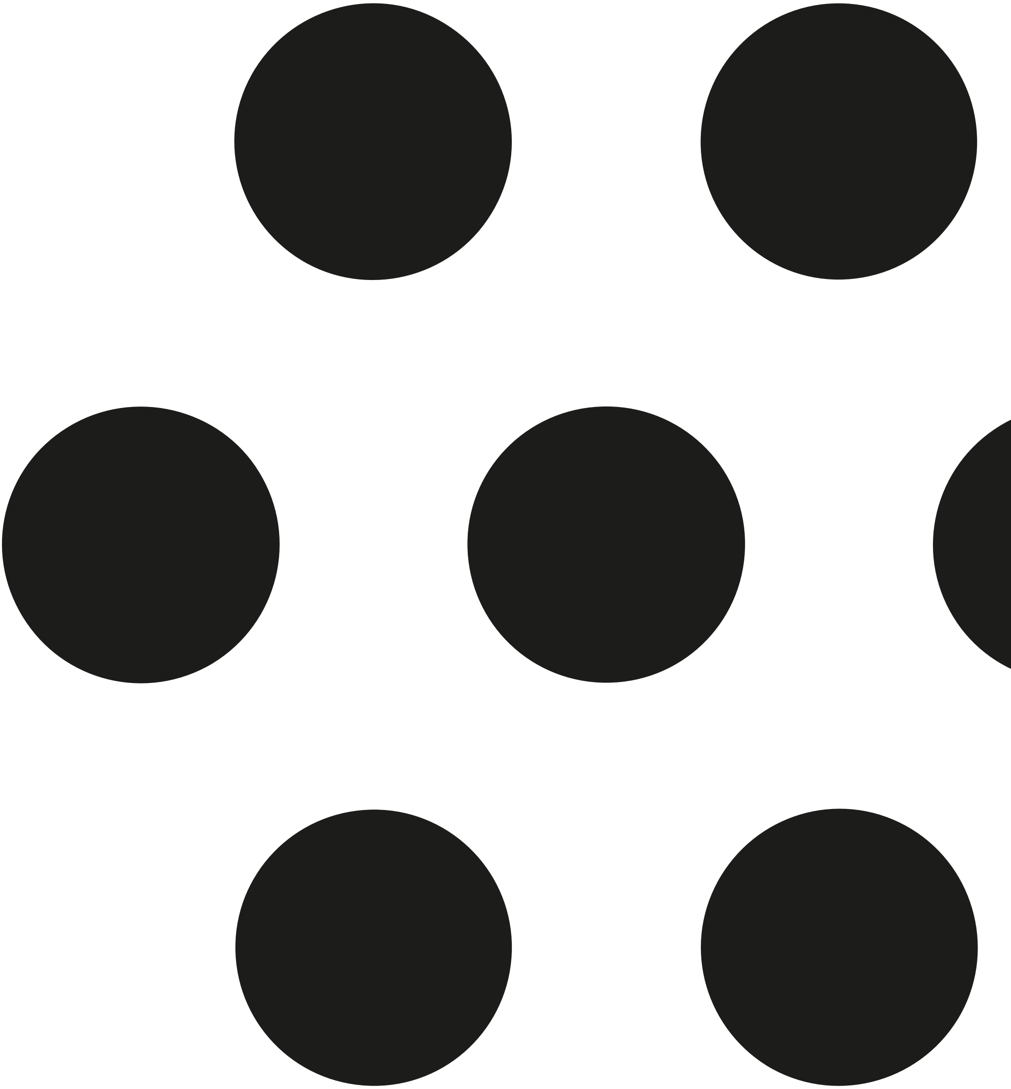

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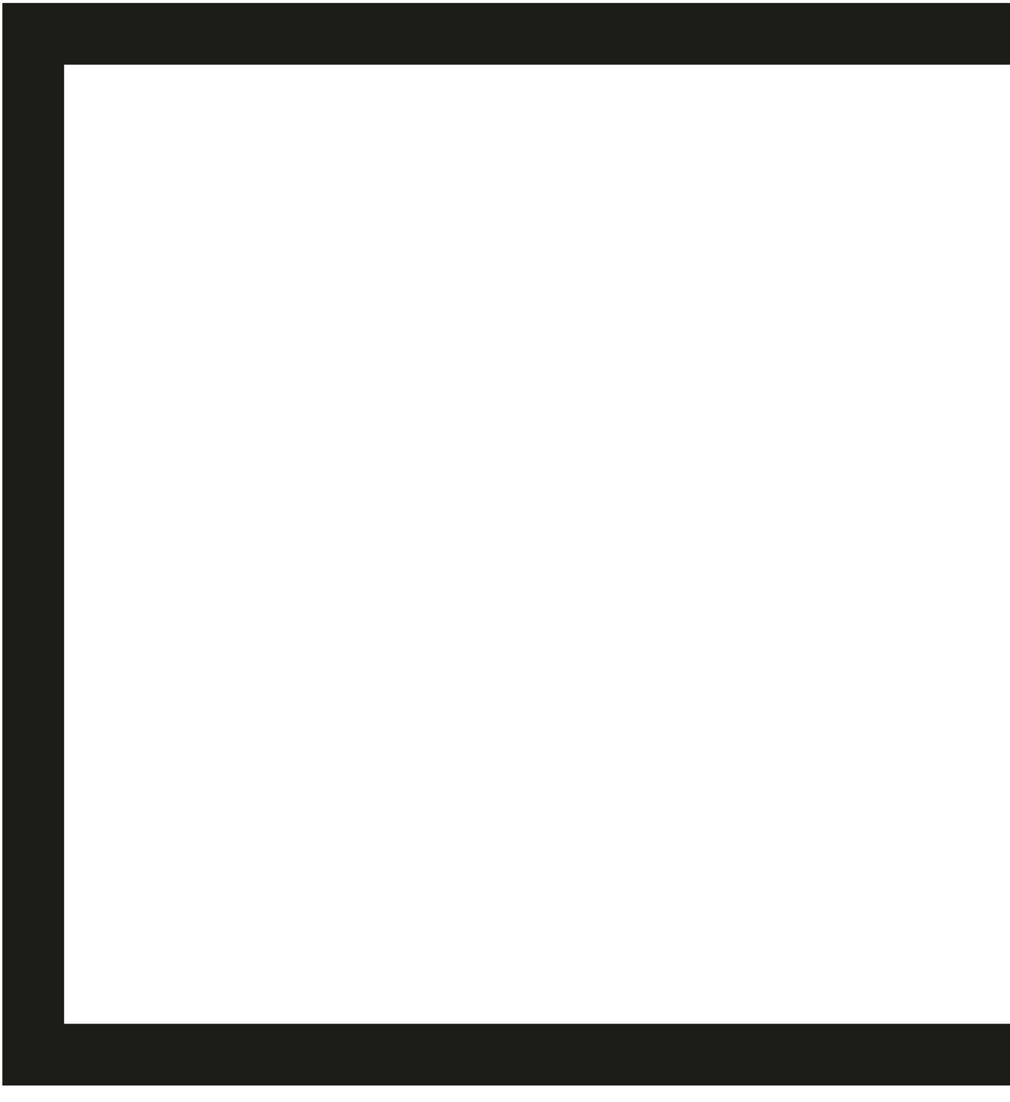

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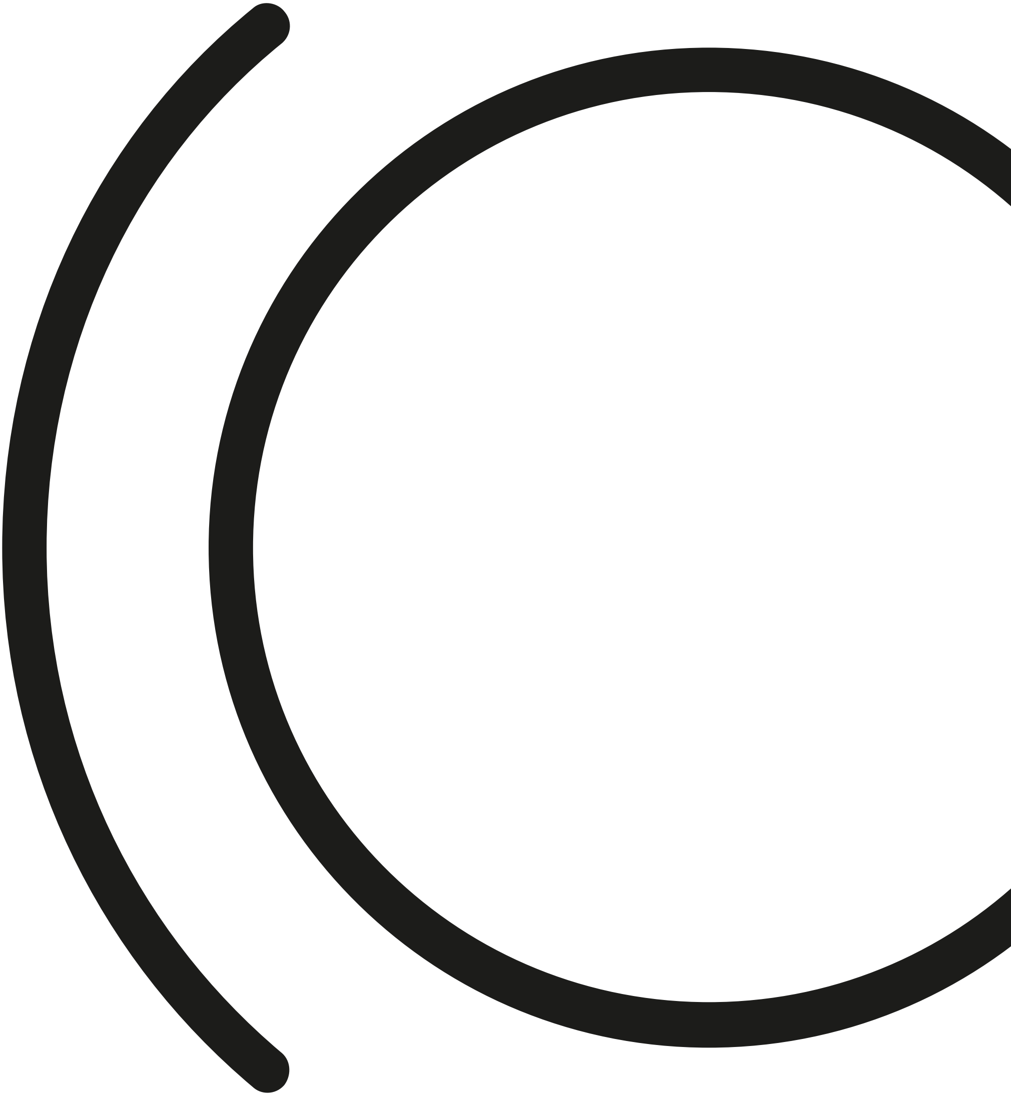

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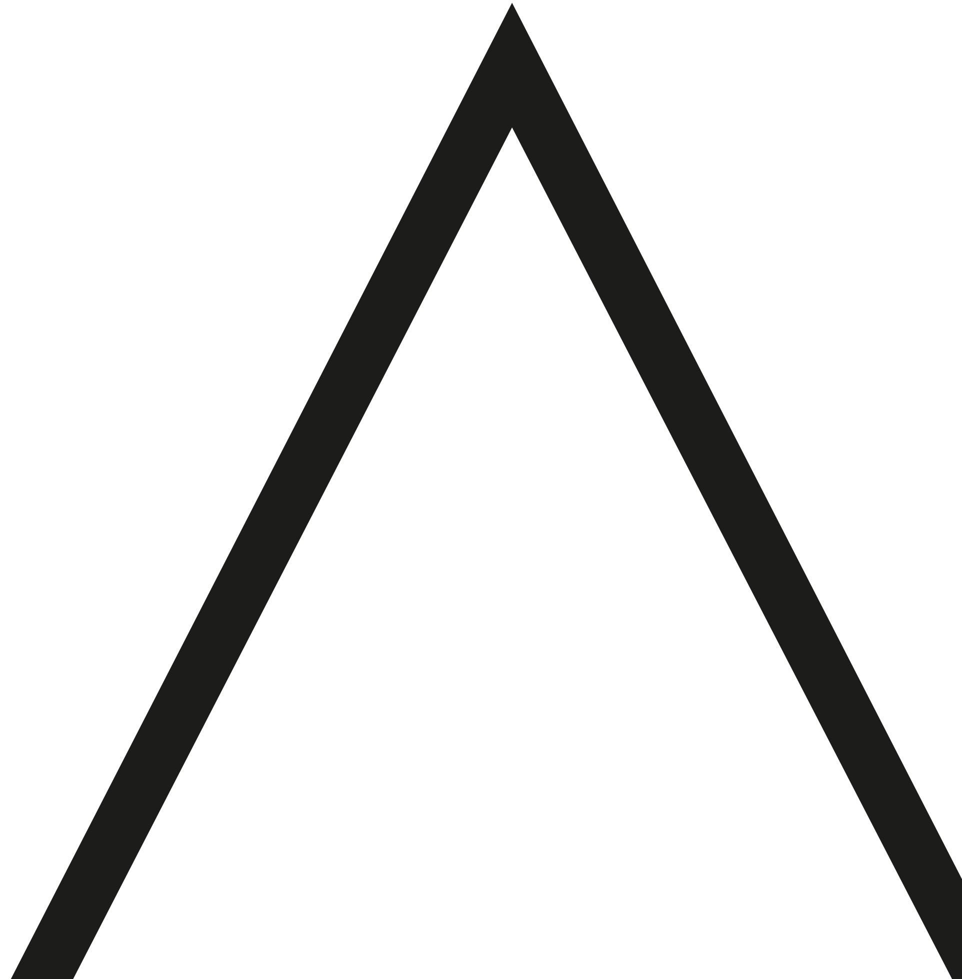

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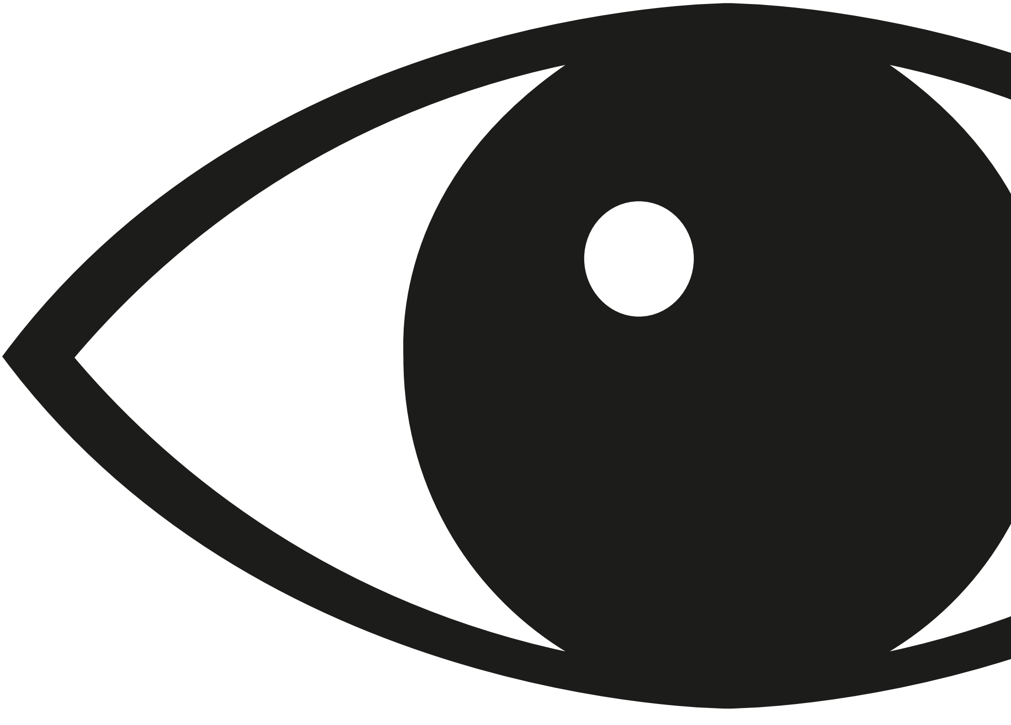

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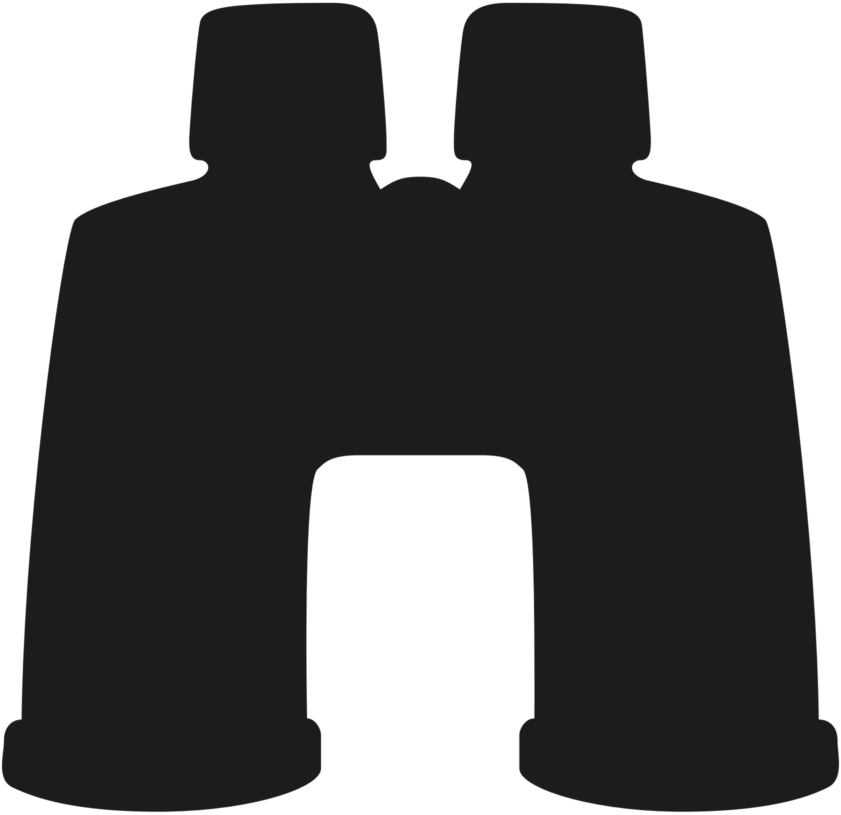

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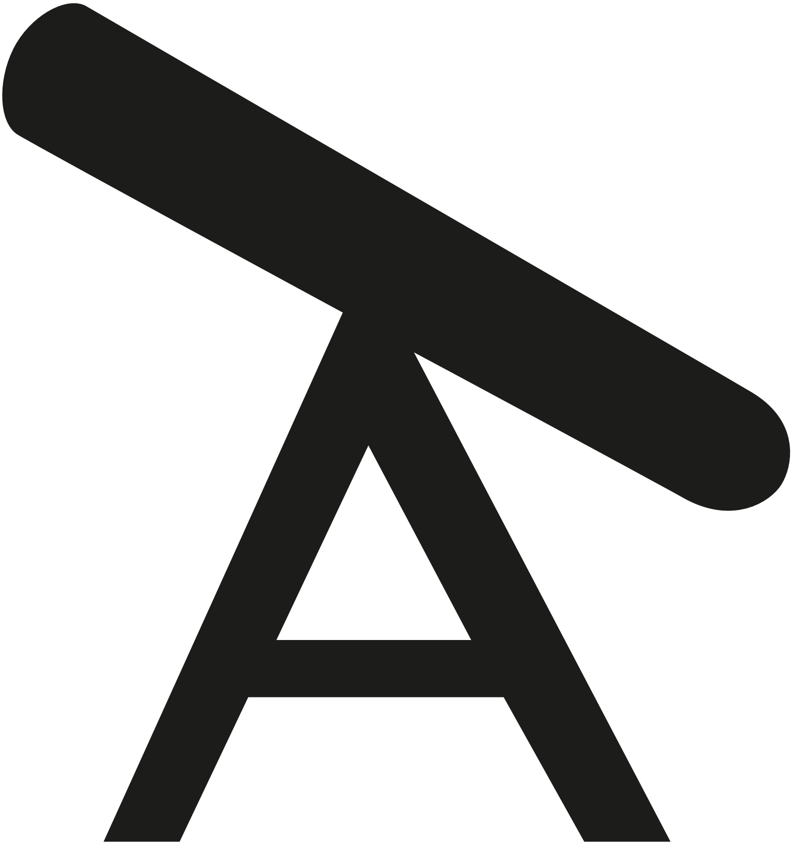

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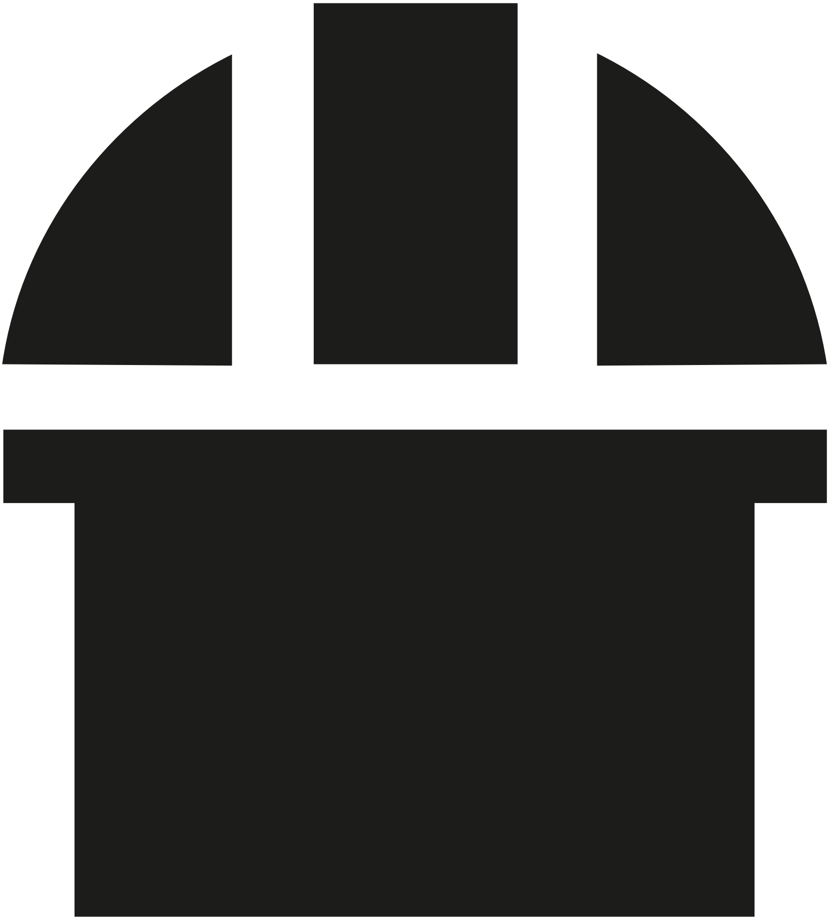

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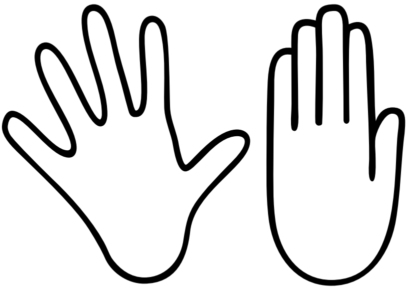

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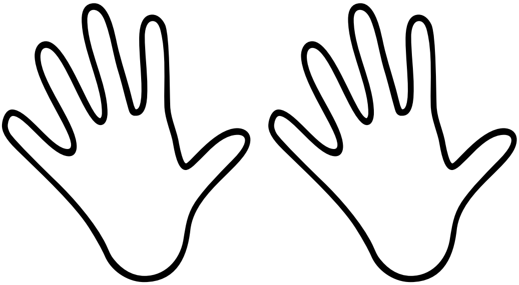

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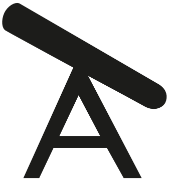

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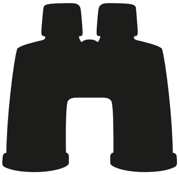

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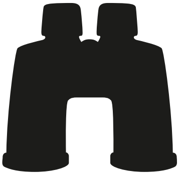

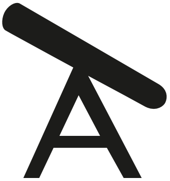

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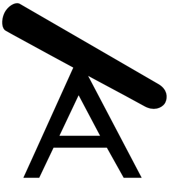

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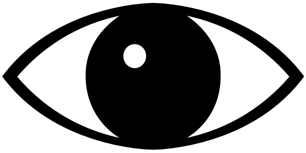

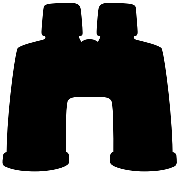

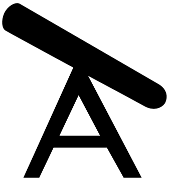

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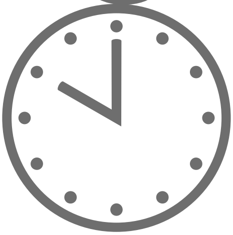

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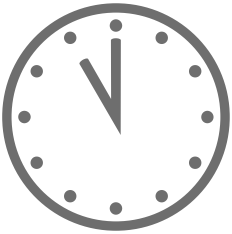

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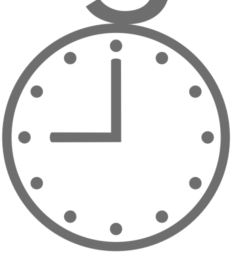

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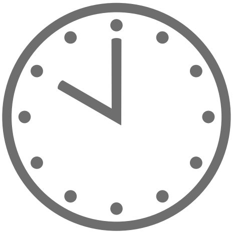

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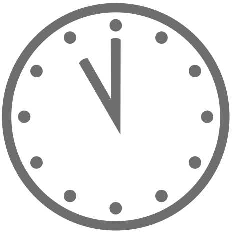

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sight in norther
spring. The sec

handle, called
fainter partner,
observers with
eyesight (see p

SOUTHER

LOOKING NO

Arcturus, in Bo

the north, with
Hercules is clos
horizon, to the
while Ophiuch
Serpens cover
Leo is promine
west.

LOOKING SOU

Centaurus
and its adjoinin
dominate the s
Alpha (
α
) and Beta (
β
) Centauri

pointing towar
Southern Cross
sets in the sout
well-stockedco
Sagittarius and
rising in the sou
east, a
sign that winter

May features

•

Alpha (

α

) Centauri.

A

mere 4.4 light y
is the closest st
after the Sun. A
reveals two yel
brighter of whi
temperature ar
the Sun. A thir

family, Proxima
much fainter. S

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Mizar (Ursa M

The

second star in t
the Plough, kn
or Zeta (
ζ
) Ursae Majoris
wide double. It
Alcor, is visible
eye, while a sm

shows another

Mizar. See also

NGC 5139 (Ce

.

The largest and
globular cluste
called Omega (

ω

) Centauri, is
visible to the n
hazy star. It is c
binoculars, and

telescope show

of its 100,000

See also p.79.

Star magnitu

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20°N

Horizon 40°N

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60°N

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Ecliptic

Zenith

20°N

40°N

60°N

BOÖTES

HERCULES

DRACO

URSA

MINOR

URSA

MAJOR

CEPHEUS

CYGNUS

LEO

CANCER

GEMINI

AURIGA

CASSIOPEIA

ANDROMEDA

PERSEUS

PEGASUS

AQUILA

Vega

Altair

Capella

Procyon

Deneb

Polaris

Plough

Castor

Pollux

BOÖTES

HERCULES

URSA
MAJOR
LEO
VIRGO
OPHIUCHUS
SERPENS
CAPUT

SERPENS
CAUDA
SCORPIUS
LUPUS
CENTAURUS
CRUX
HYDRA

VELA

ARA

SAGITTARIUS

Spica

Antares

α

Centauri

β

Centauri

Arcturus

Regulus

LIBRA

VIRGO

BOÖTES

OPHIUCHUS

SERPENS

CAPUT

SERPENS

CAUDA

HERCULES

DRACO

HYDRA

LEO

URSA

MINOR

URSA

MAJOR

CANCER

CENTAURUS

Regulus

Plough

Arcturus

Spica

SCORPIUS

Antares

Vega
Pollux
SAGITTARIUS
ARA
LUPUS
CENTAURUS
HYDRA

VIRGO

LIBRA

VELA

PHOENIX

CARINA

PICTOR

PUPPIS

CANIS
MAJOR
TUCANA
GRUS
CRUX
PAVO
OCTANS

SCORPIUS

OPHIUCHUS

SERPENS

CAUDA

Spica

α

Centauri

β

Centauri

Antares

Canopus

Sirius

Achernar

Zenith

60°N
40°N
20°N
Zenith
40°S
20°S
0°
Zenith

0°

20°S

40°S

CANCER

LIBRA

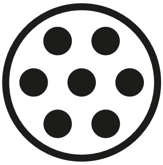
Also visible

Acrux

(p.163)

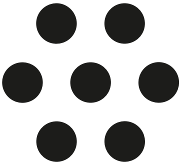
M6 and M7

(p.175)



M13

(p.175)



M44

(p.157)

NGC 4755

(p.163)

May meteors

The Eta Aqua

These
fast-moving, br
caused by dust
Comet, radiate
near the "water
and are best se
southern latitu

begins in late A
about 35 mete
the first week o
in late May.

Looking south

Looking south

Looking north Looking north

SUNRISE AND

LatitudeSunrise

60°N03.2020.3

40°N04.4019.1

20°N05.2018.3

0°05.5018.00

20°S06.2017.3

40°S07.0017.0

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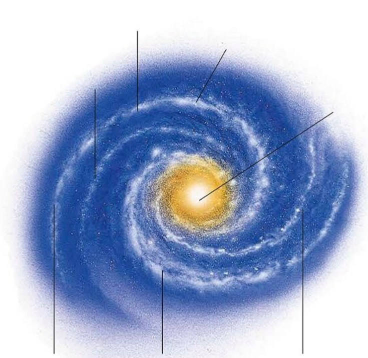

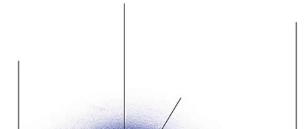

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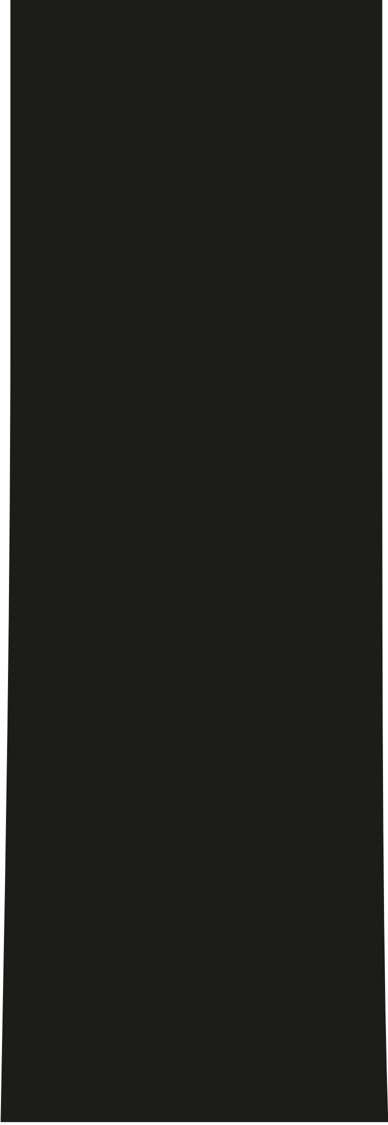

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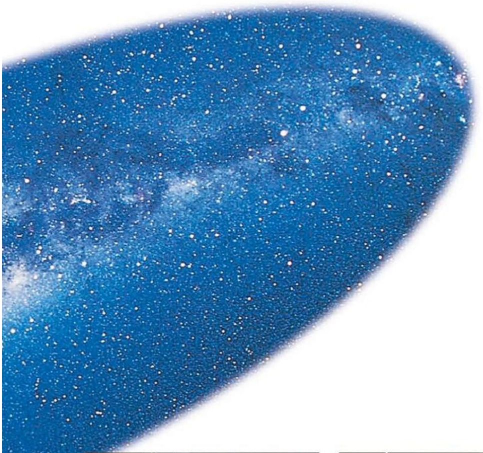

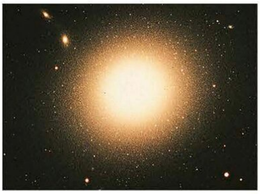

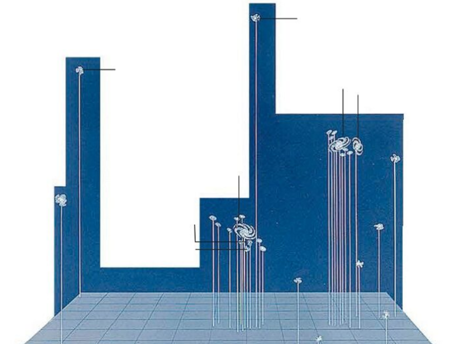

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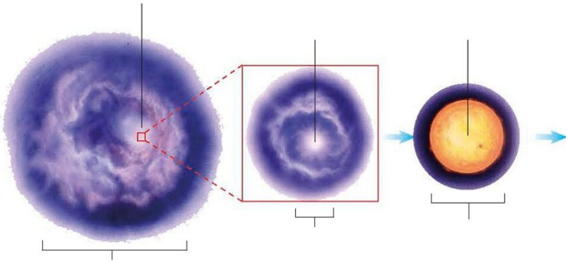

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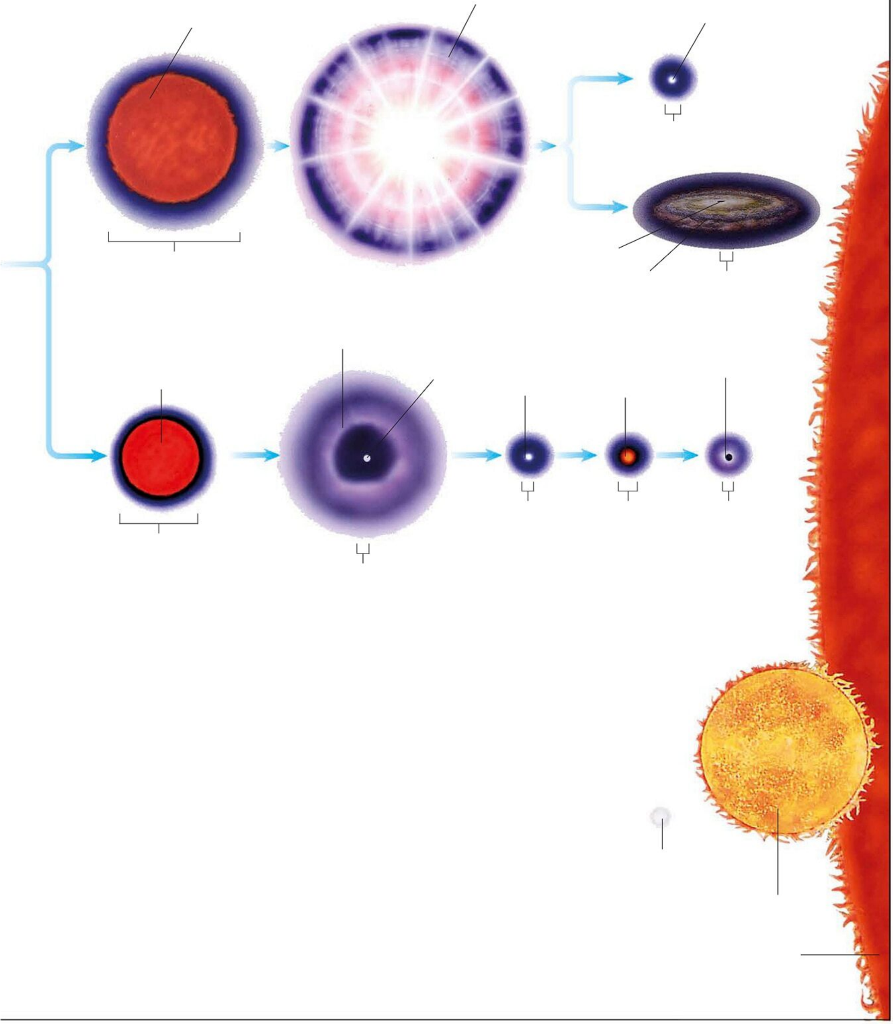

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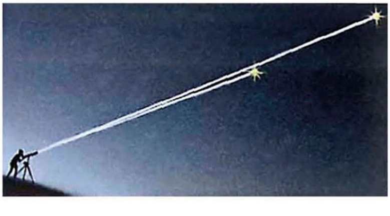

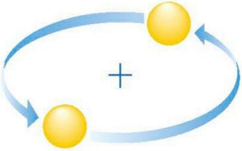

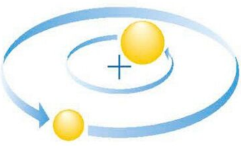

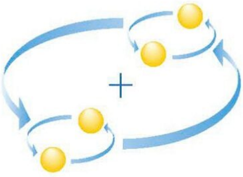

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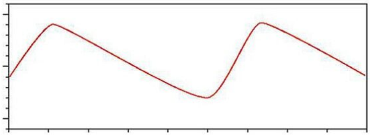

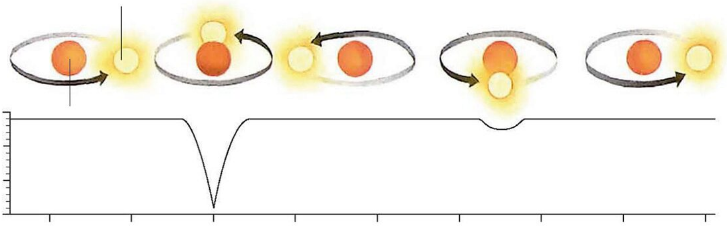

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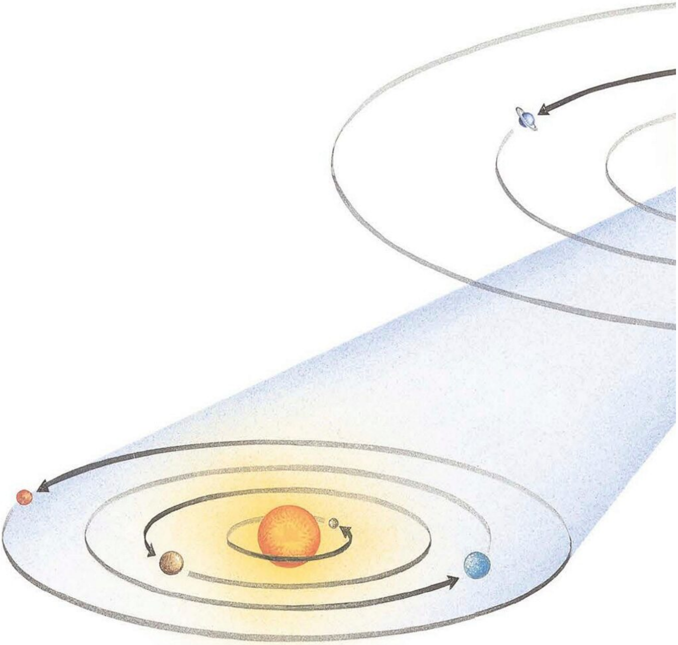

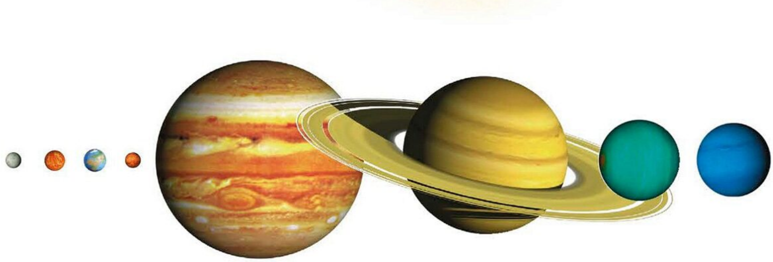

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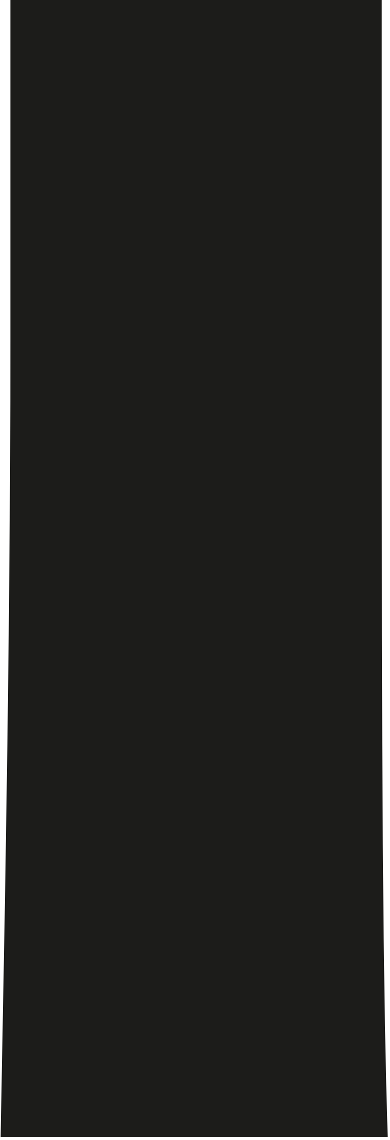

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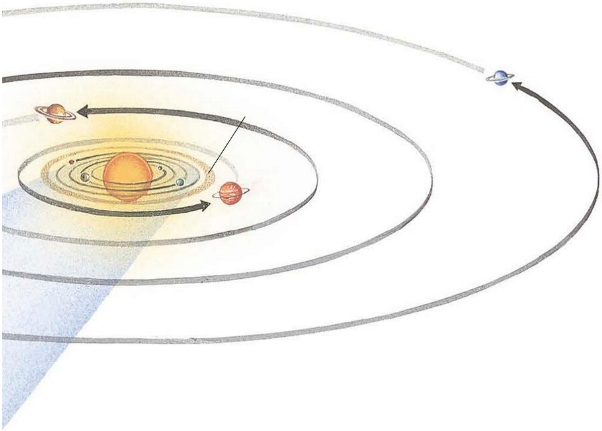

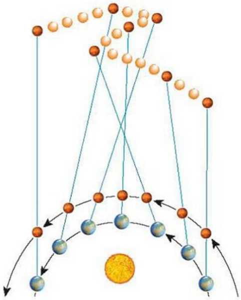

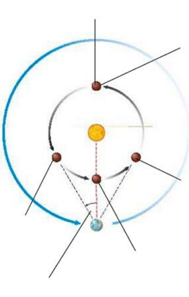

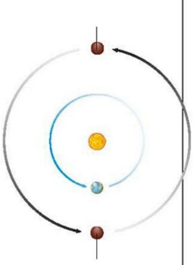

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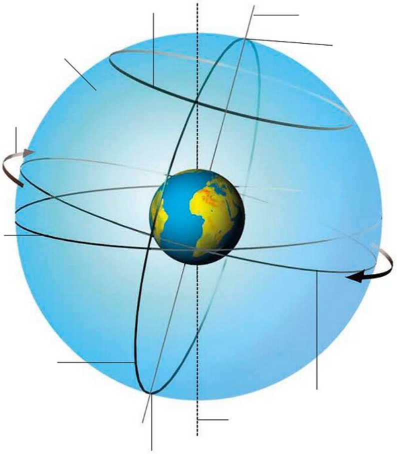

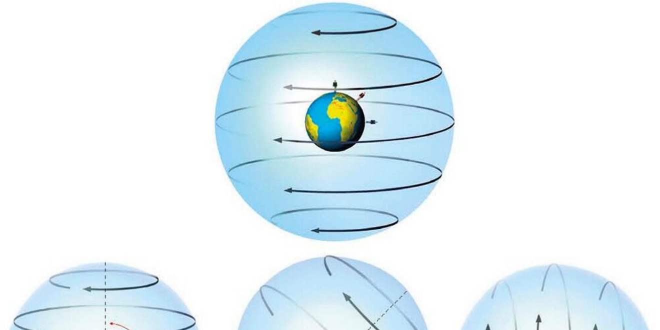

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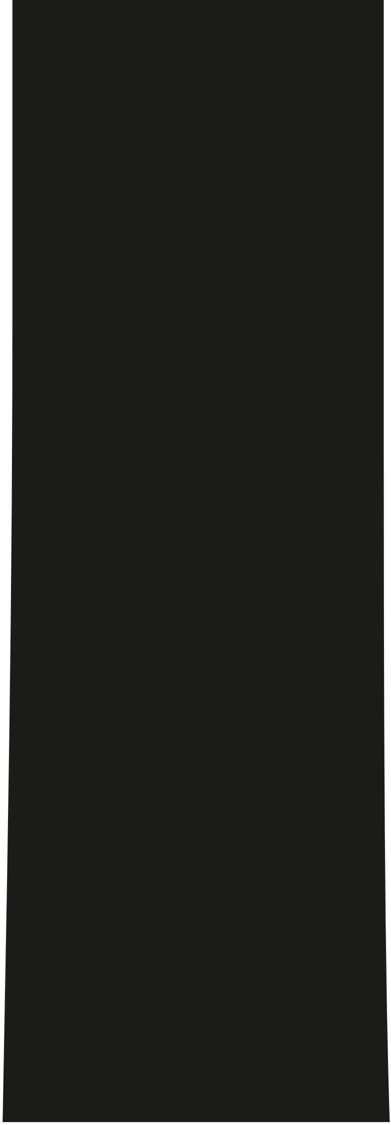

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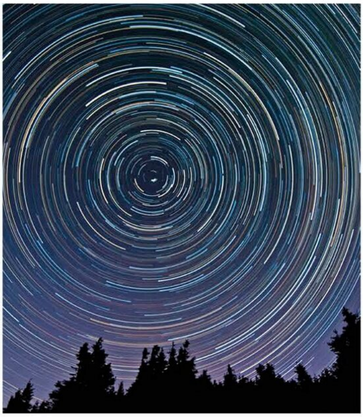

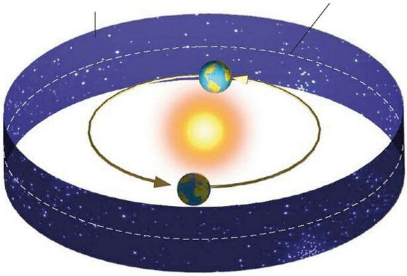

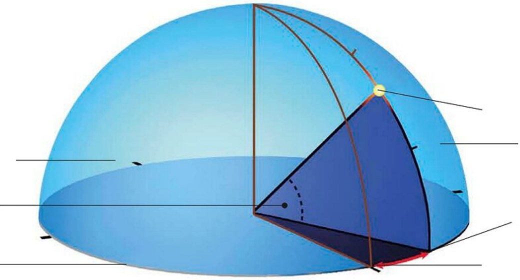

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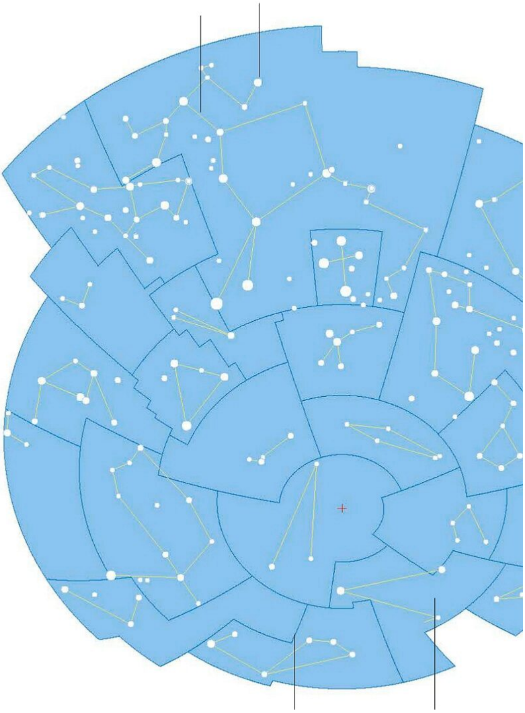

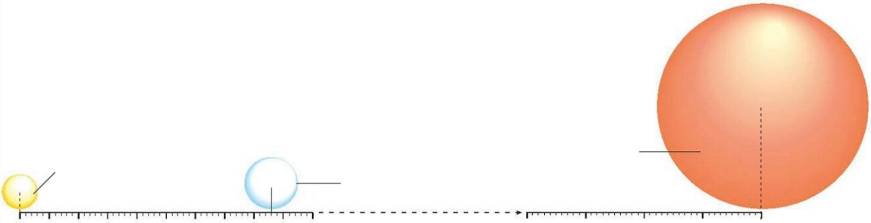

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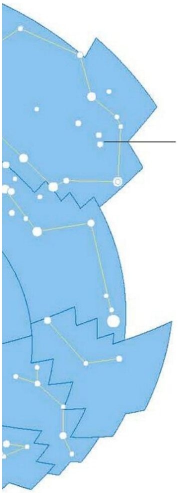

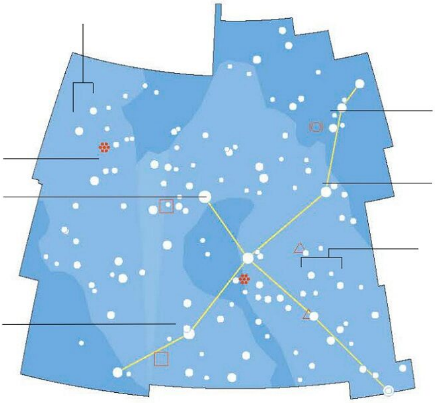

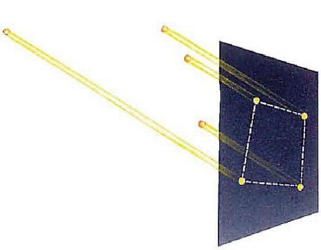

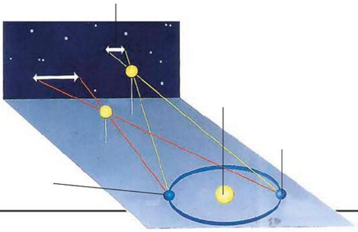

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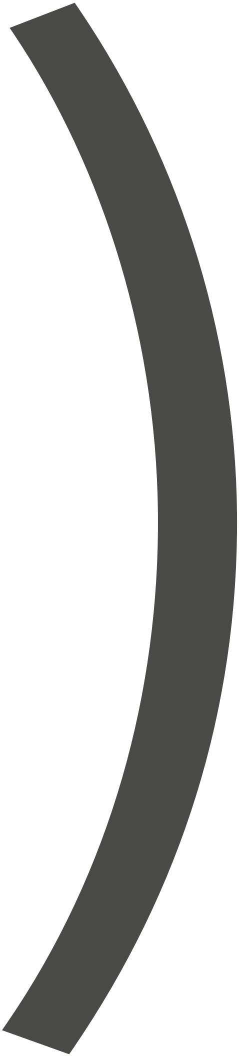

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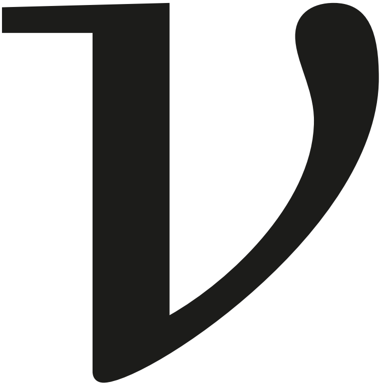

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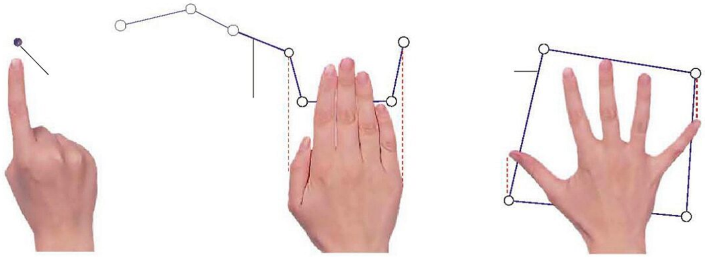

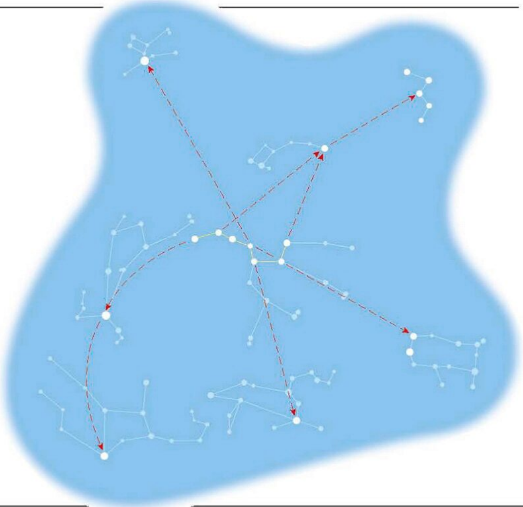

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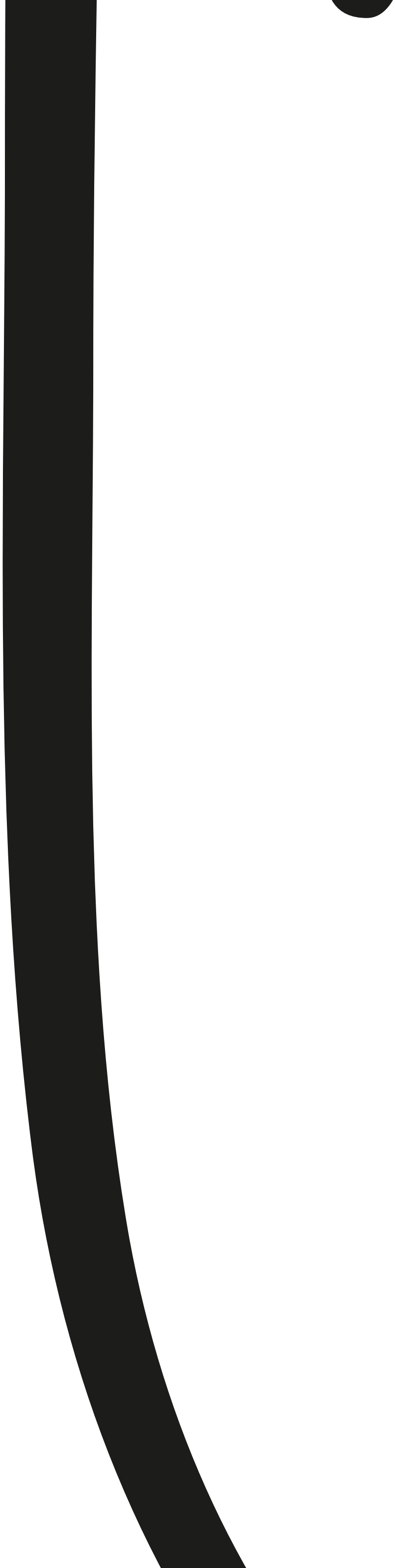

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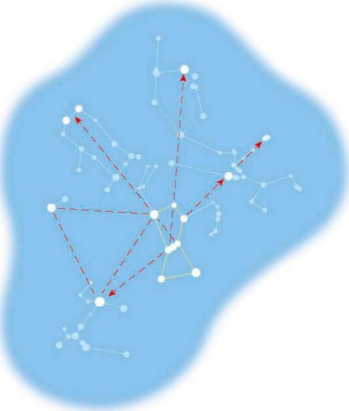

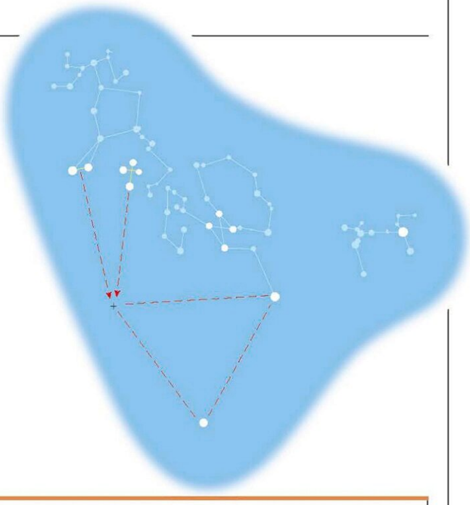

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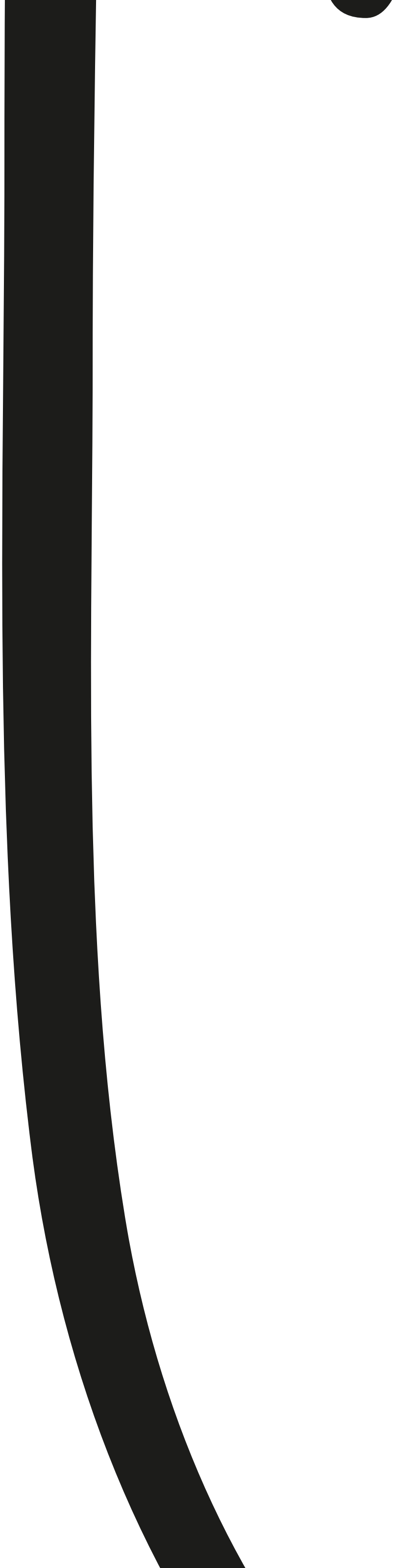

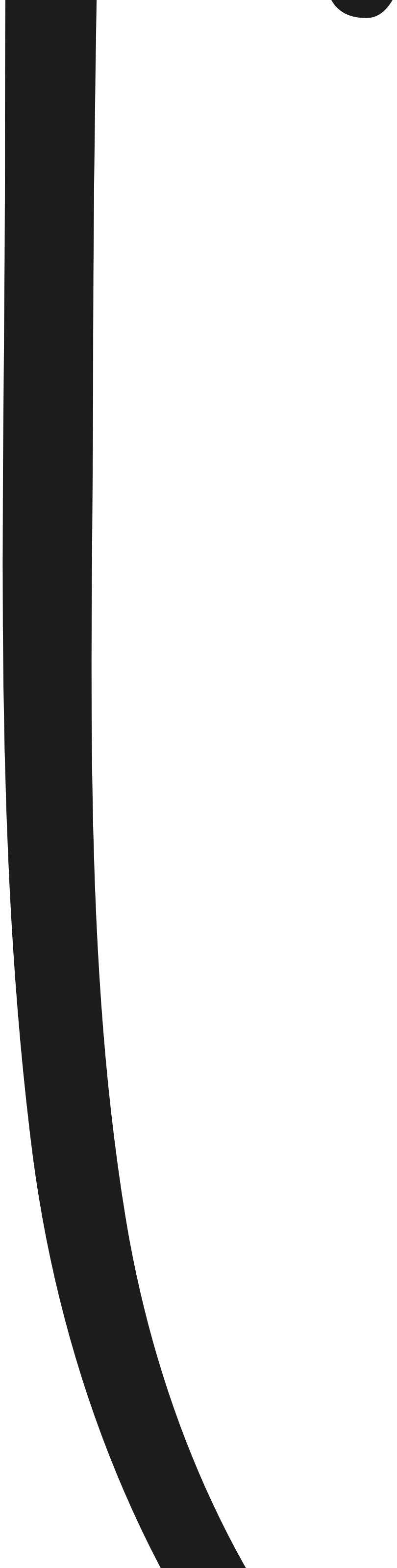

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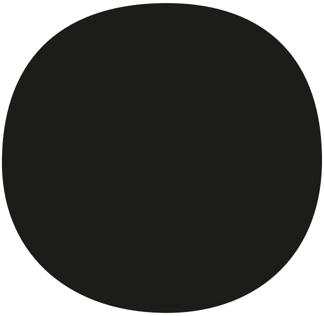

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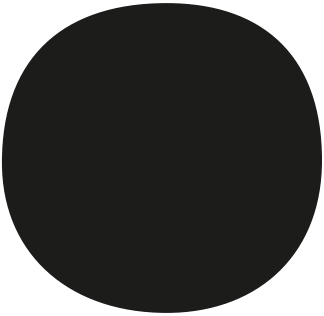

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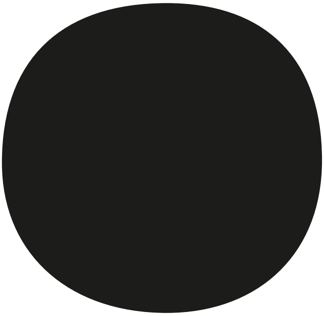

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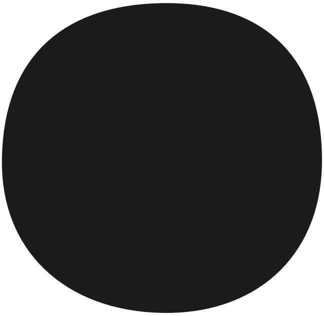

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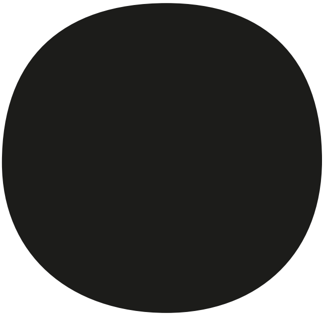

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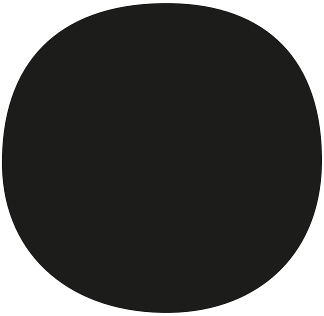

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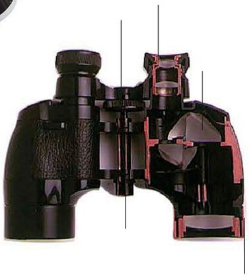

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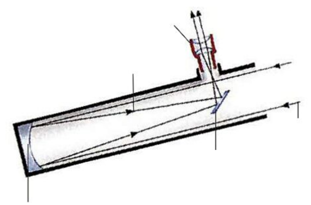

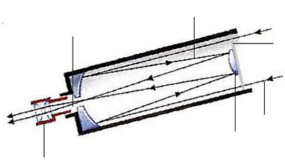

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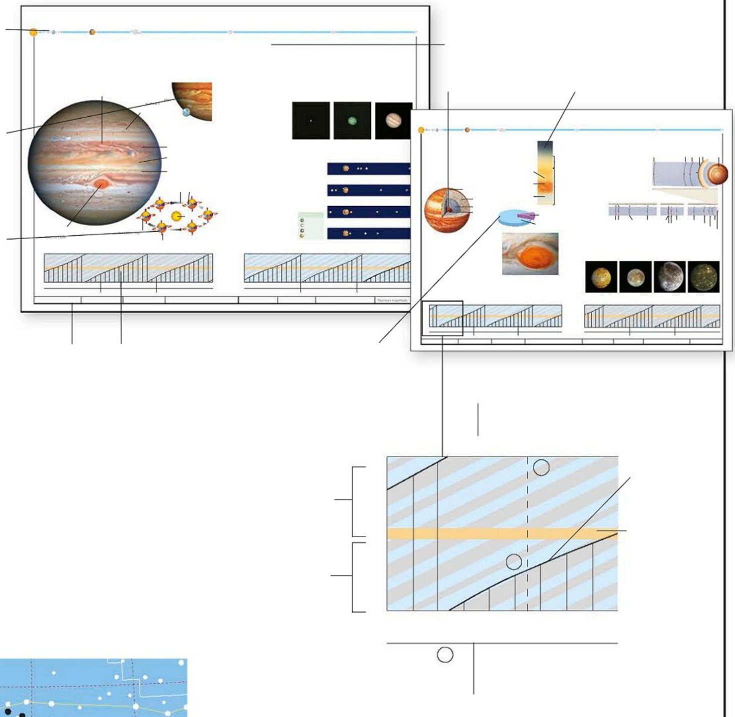
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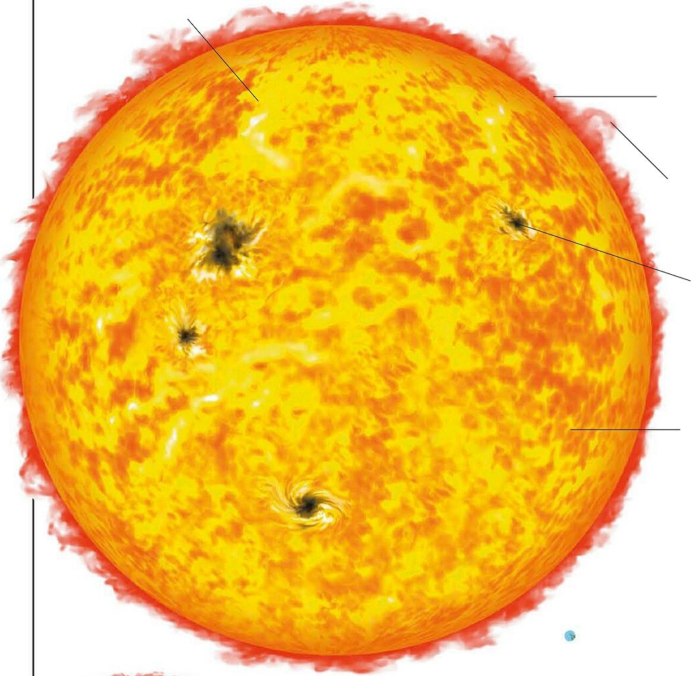

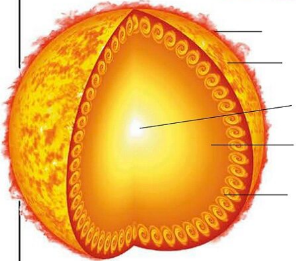

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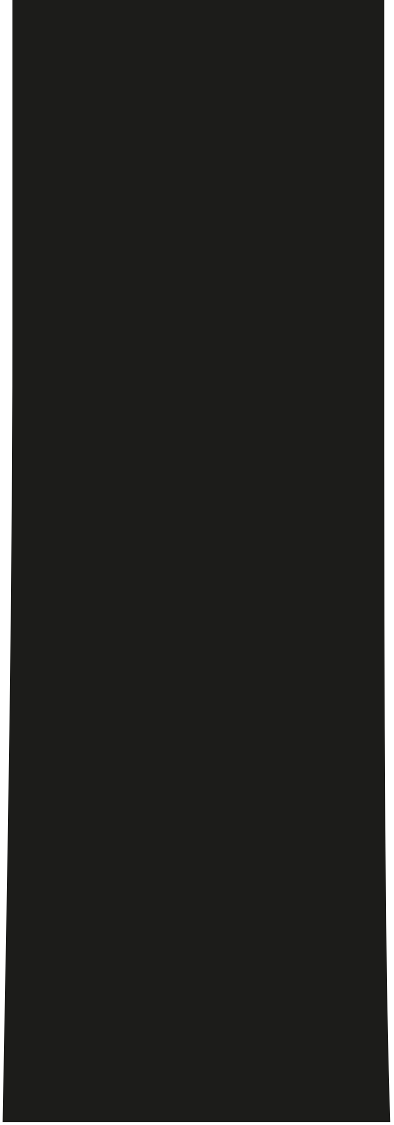

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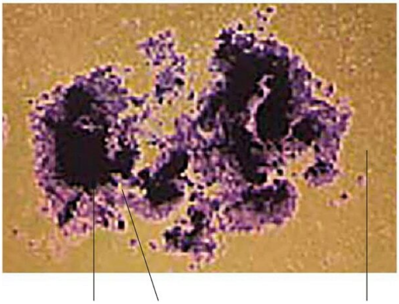

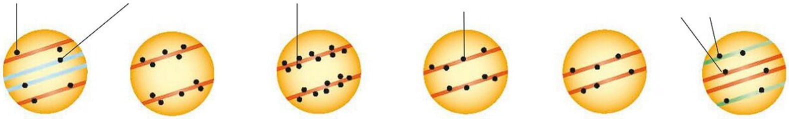

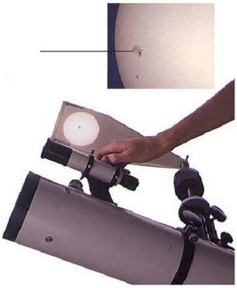

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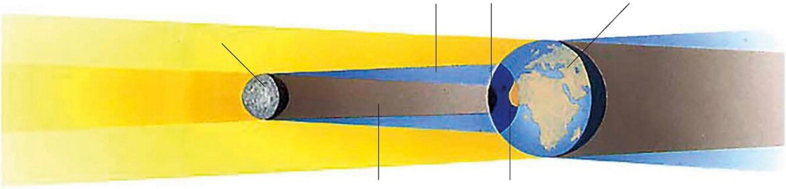

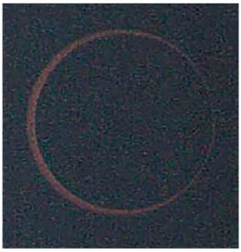

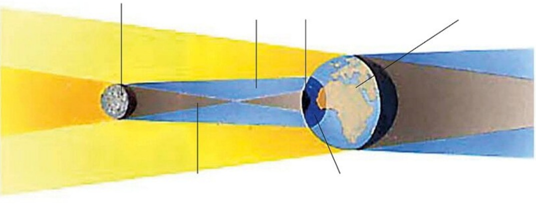

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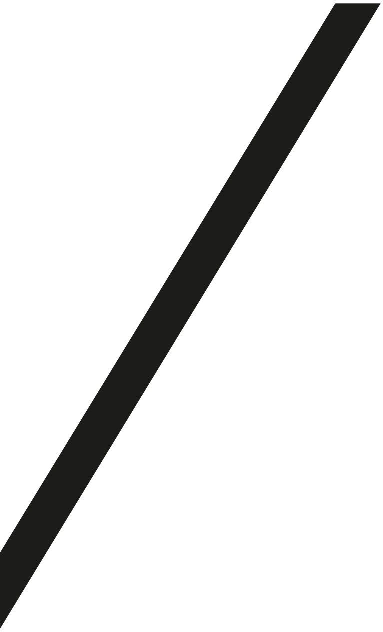

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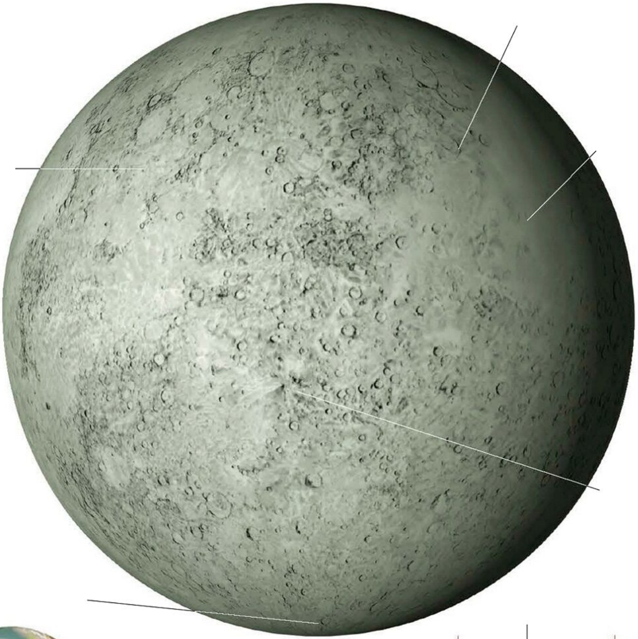

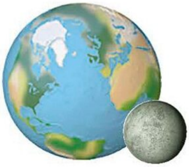

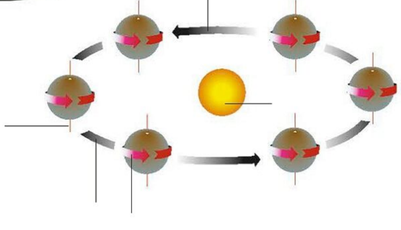

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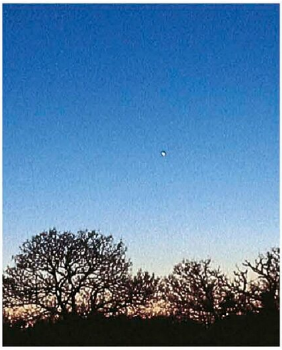

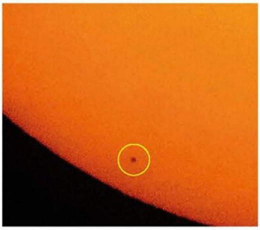

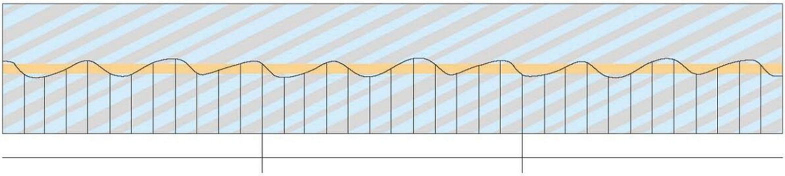

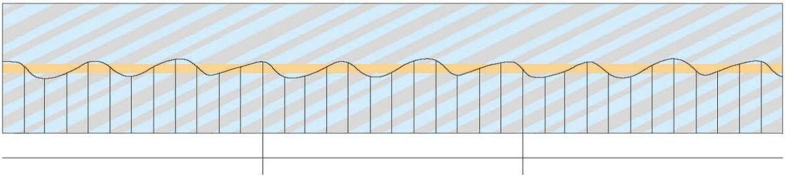

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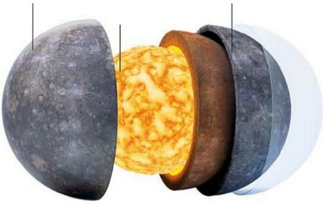

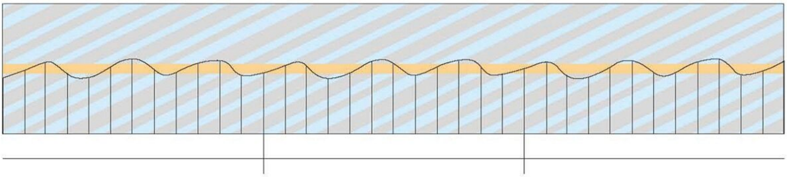

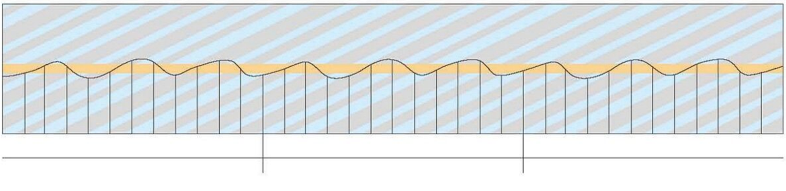

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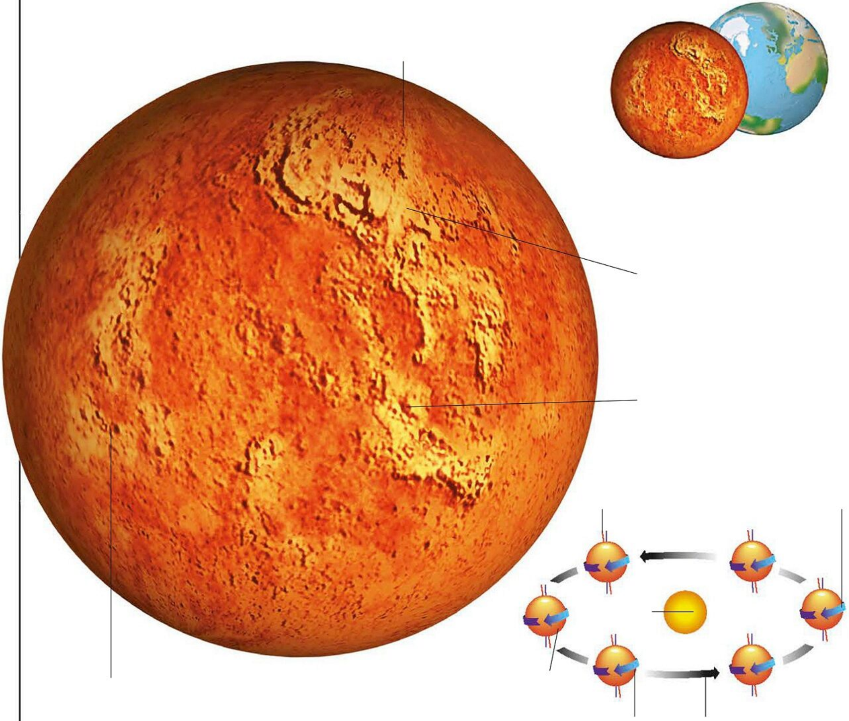

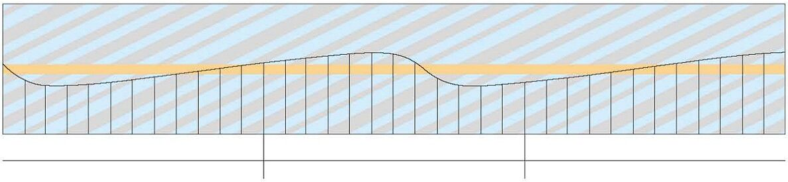

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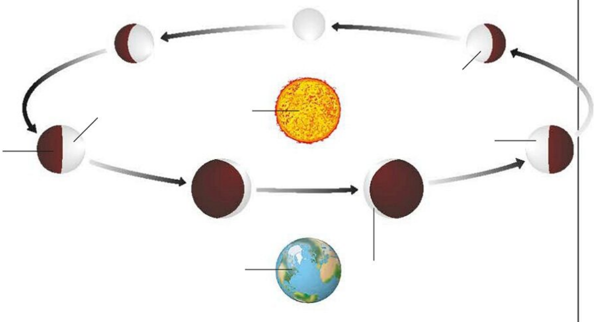

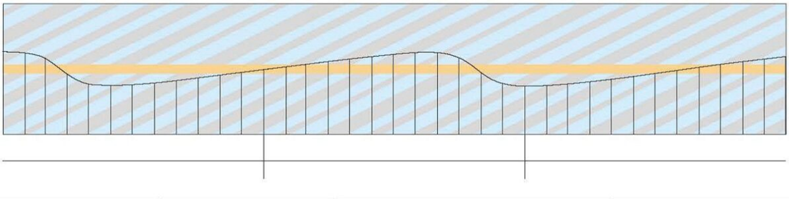

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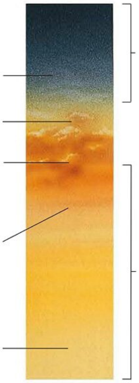

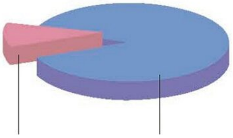

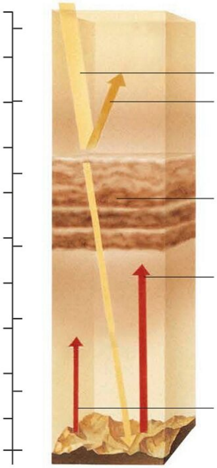

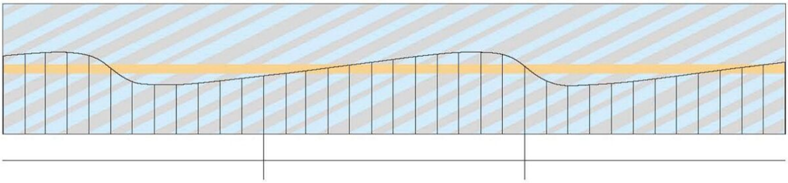

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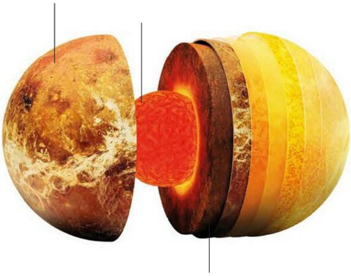

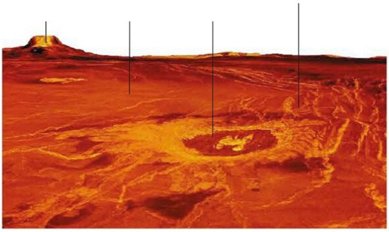

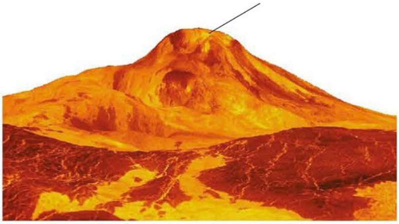

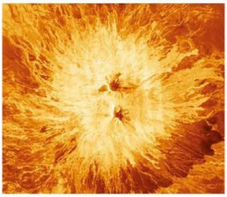

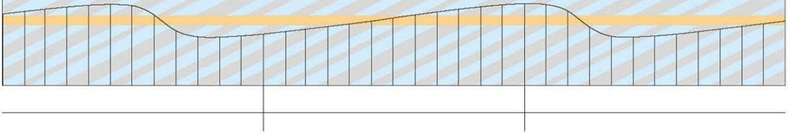

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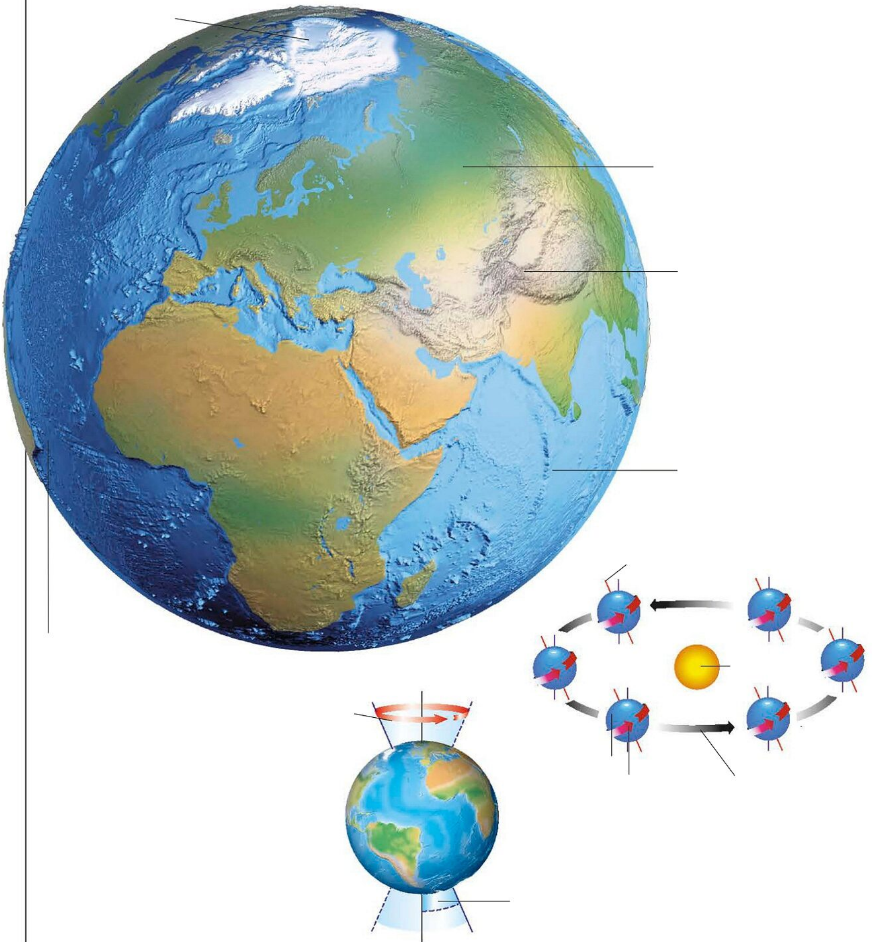

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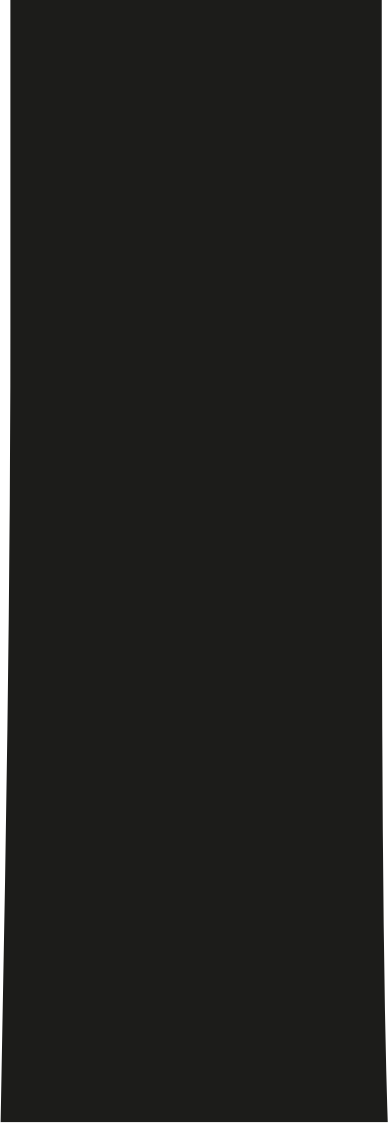

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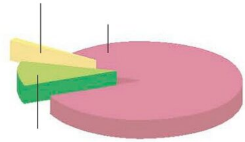

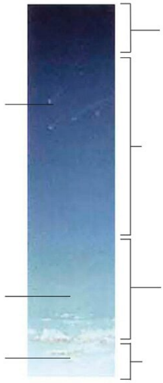

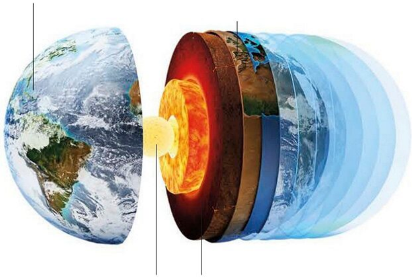

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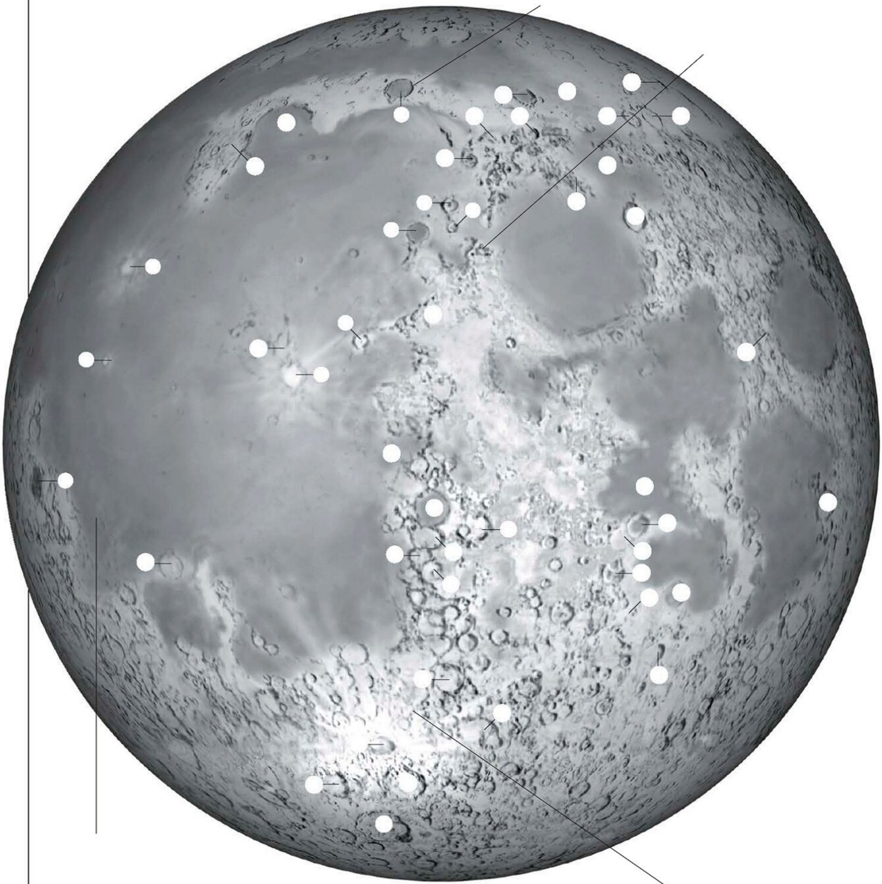

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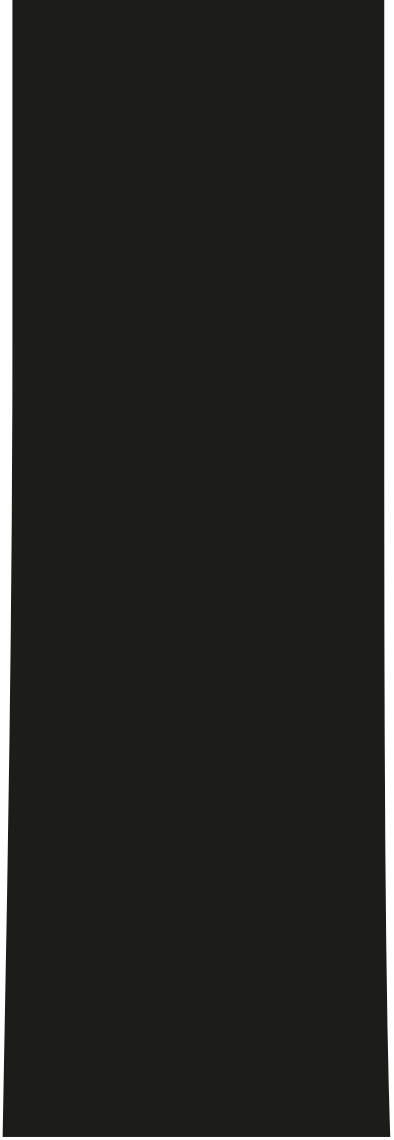

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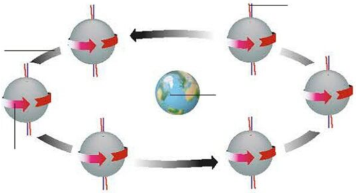

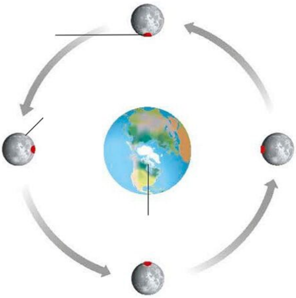

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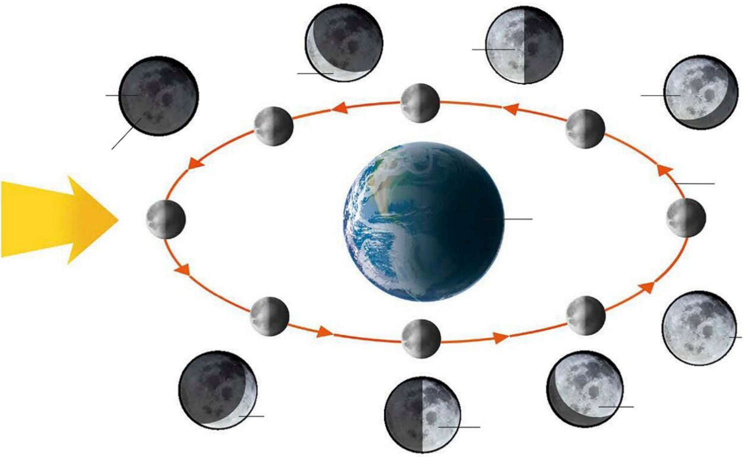

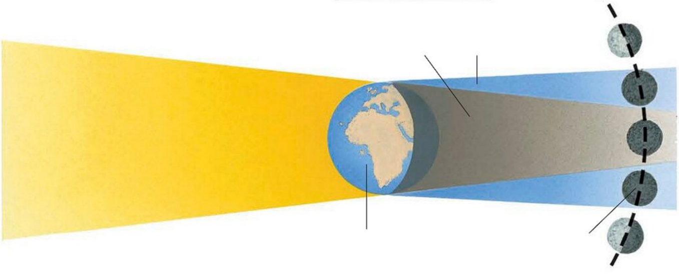

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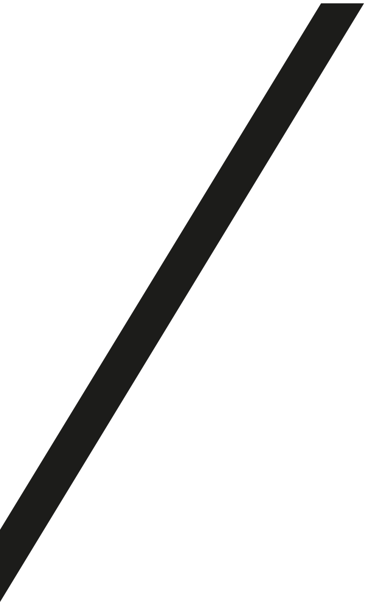

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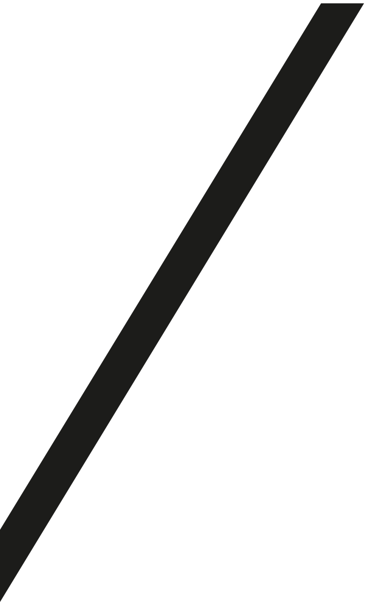

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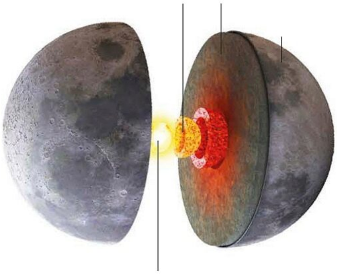

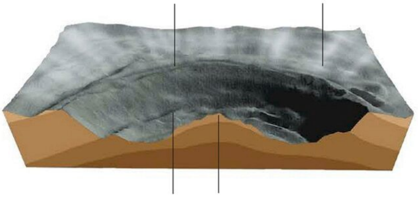

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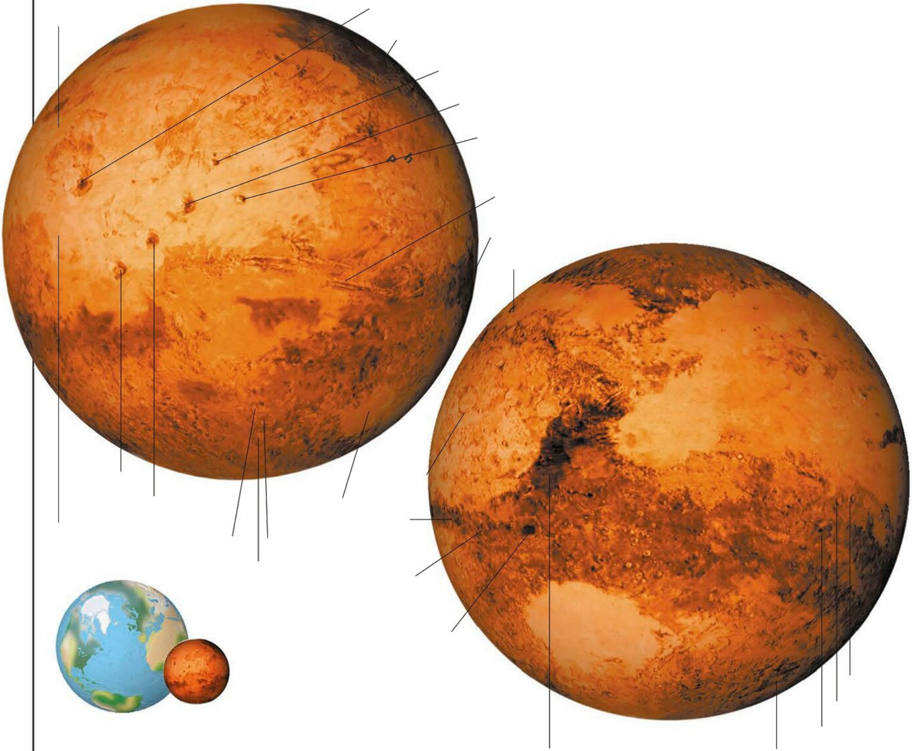

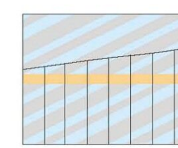

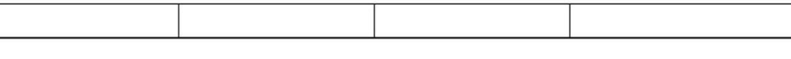

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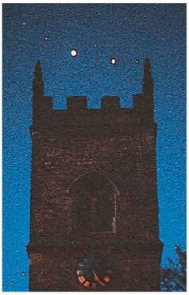

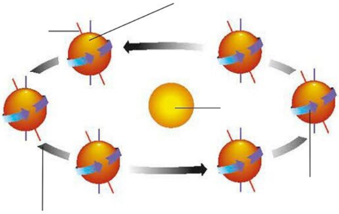

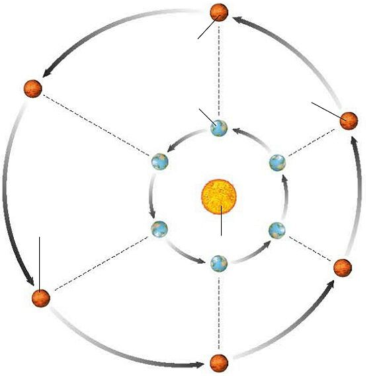

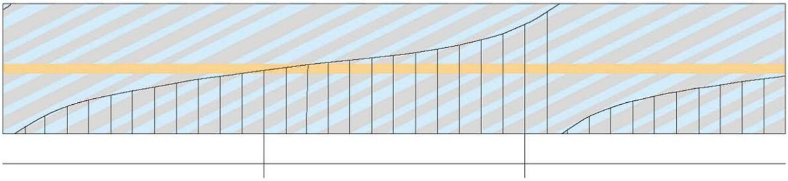

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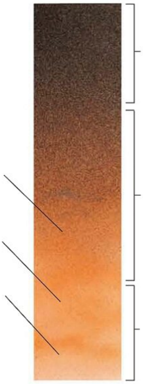

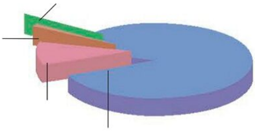

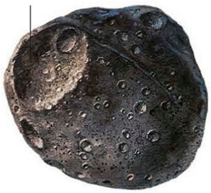

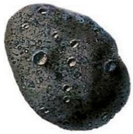

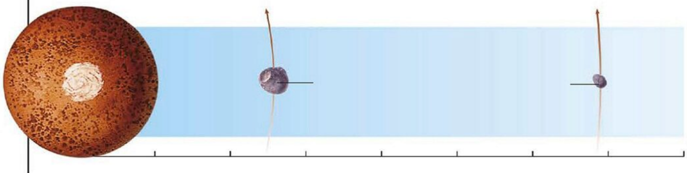

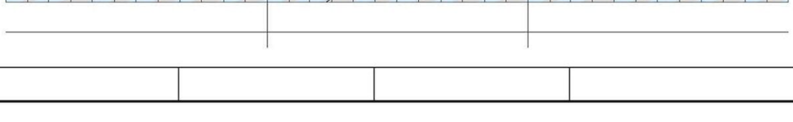

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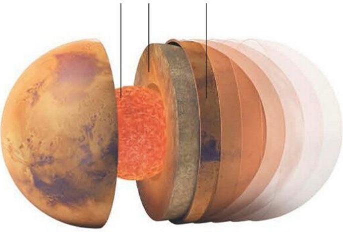

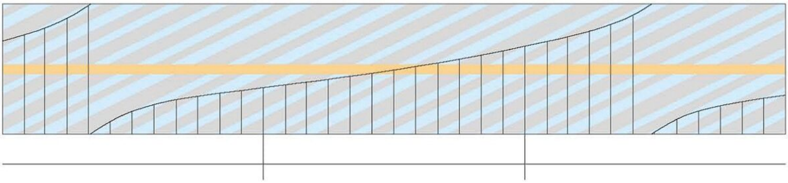

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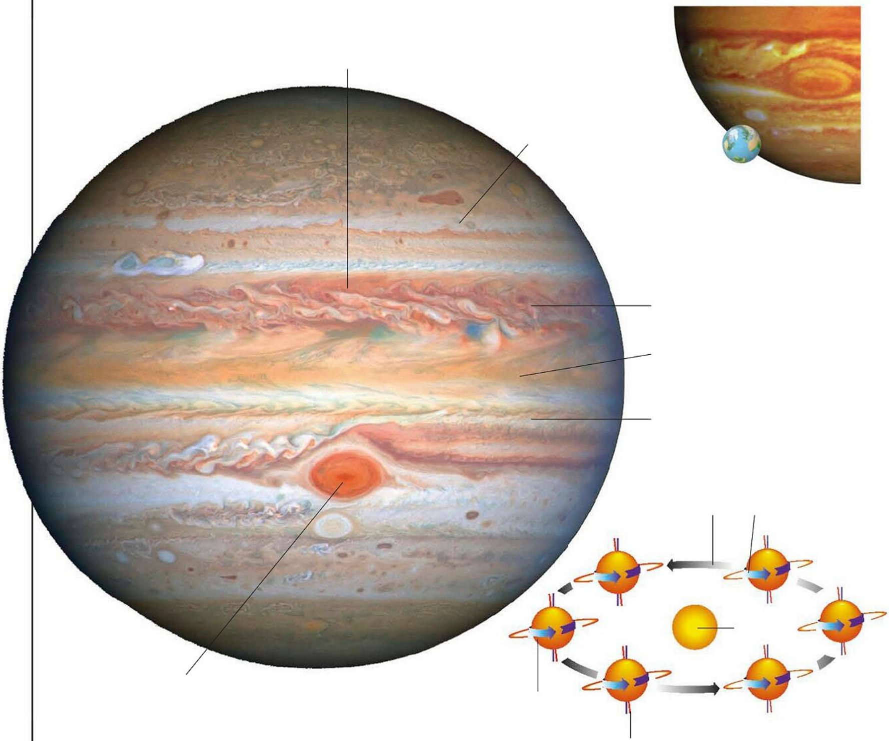

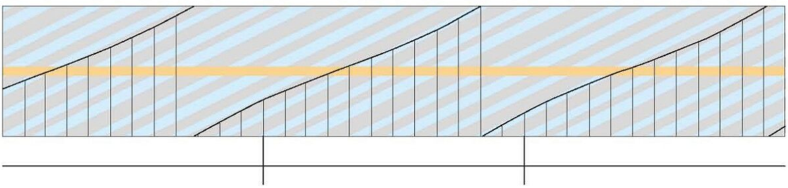

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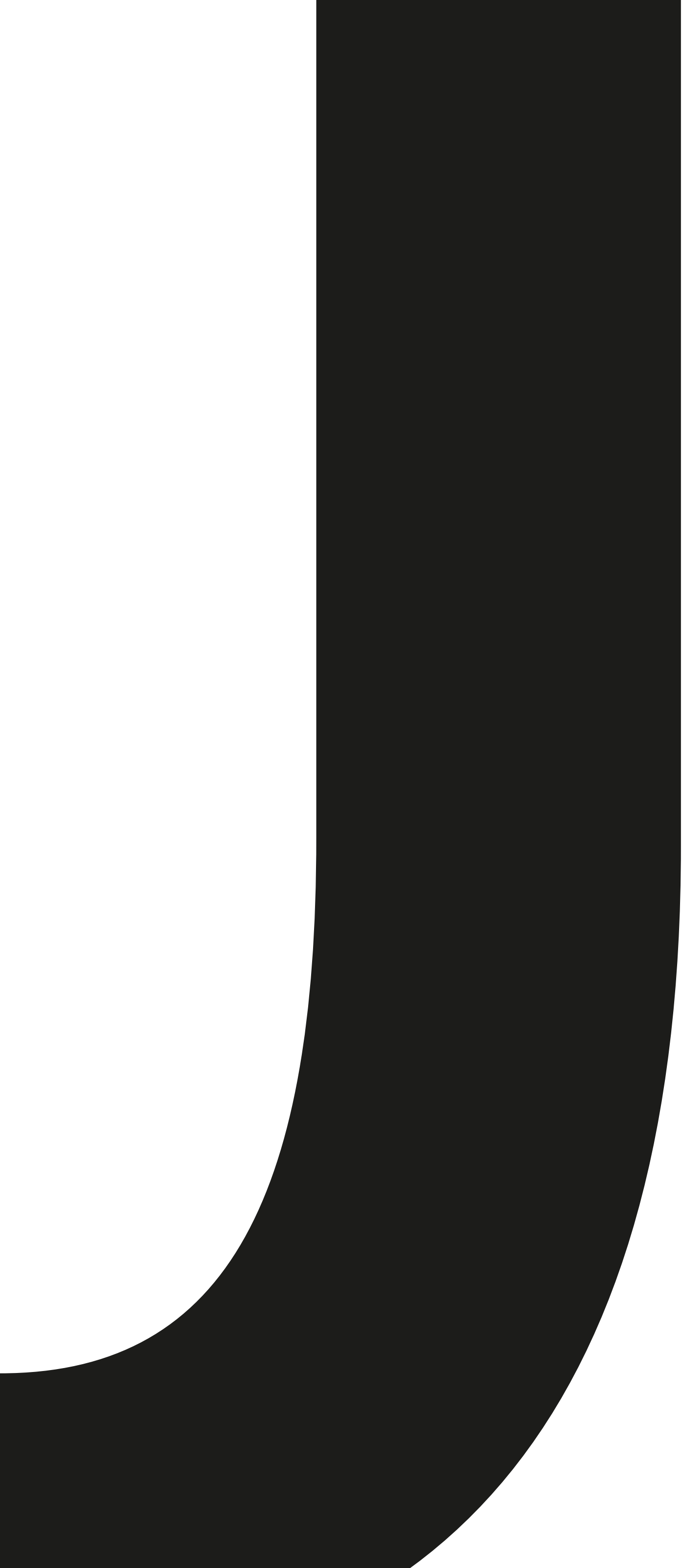

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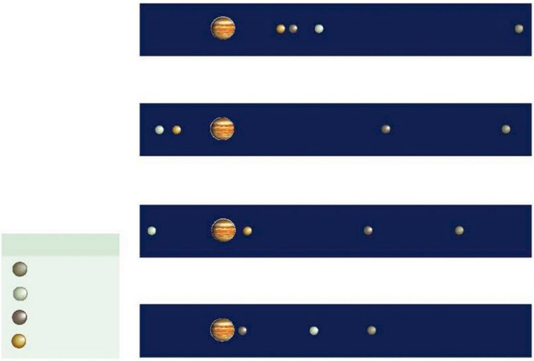

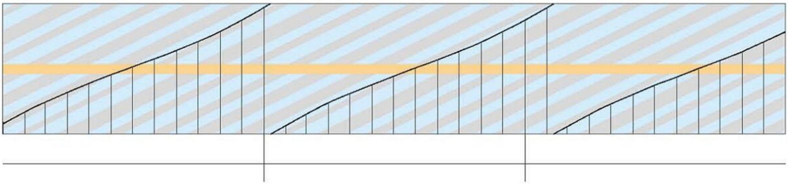

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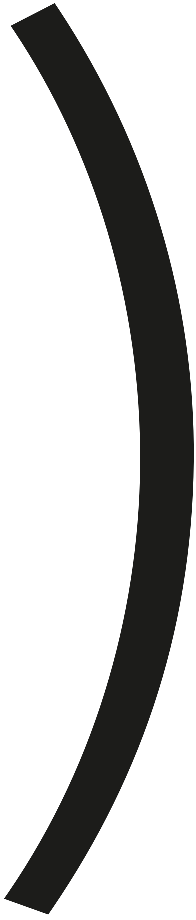

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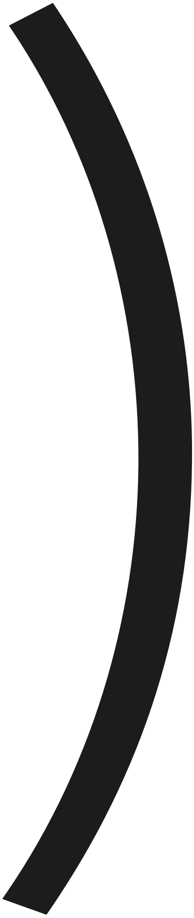

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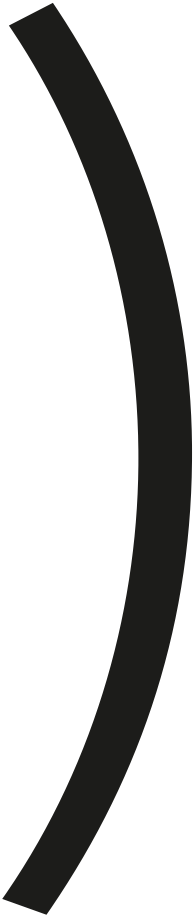

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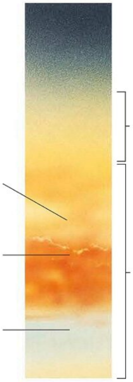

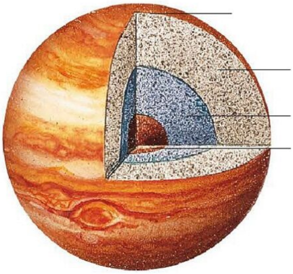

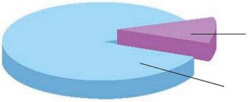

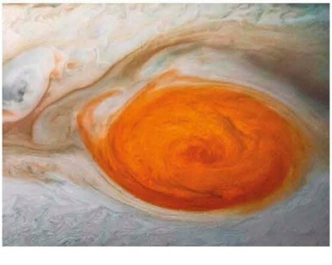

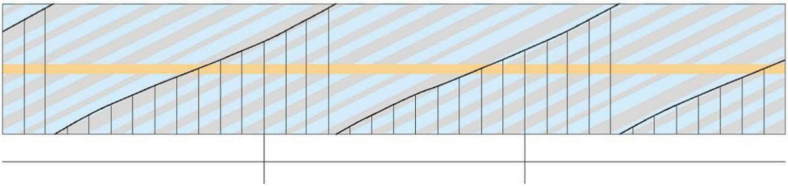

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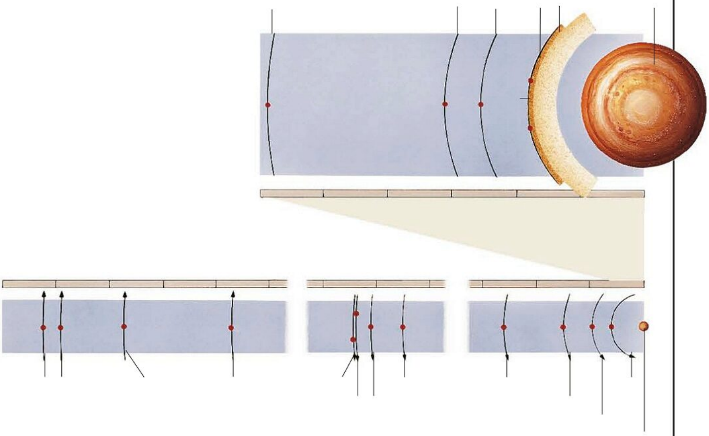

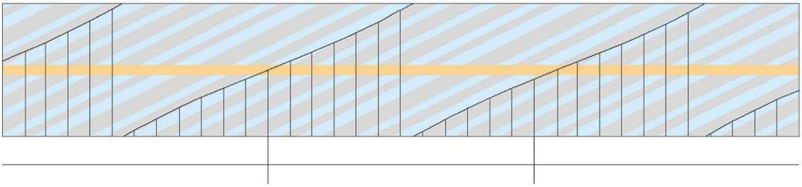

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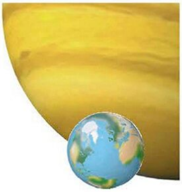

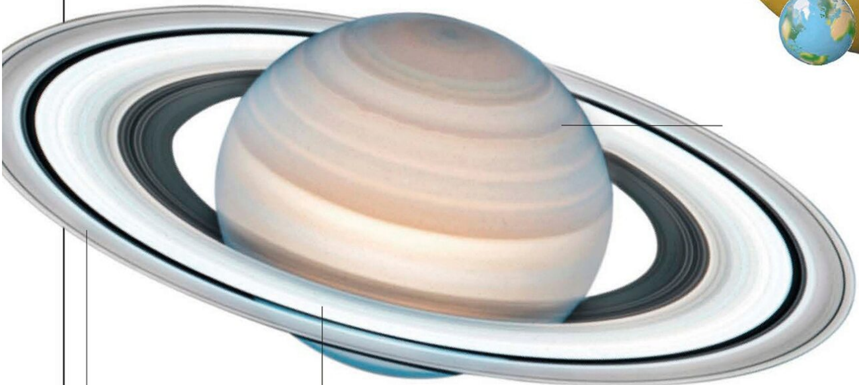

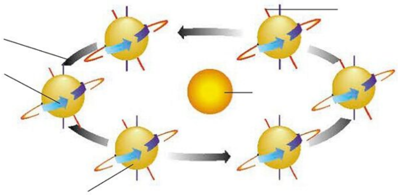

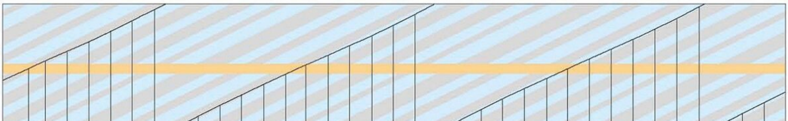

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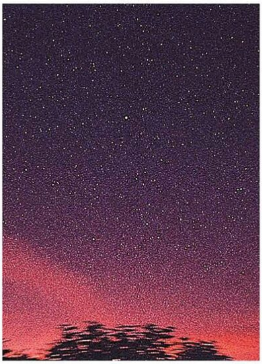

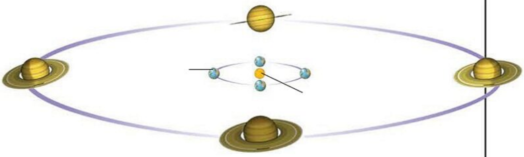

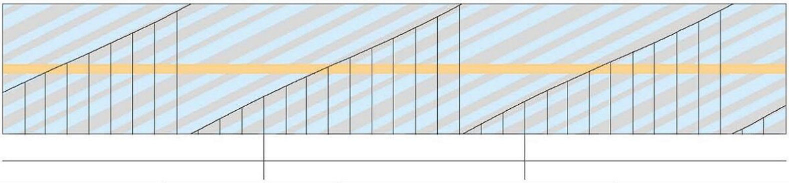

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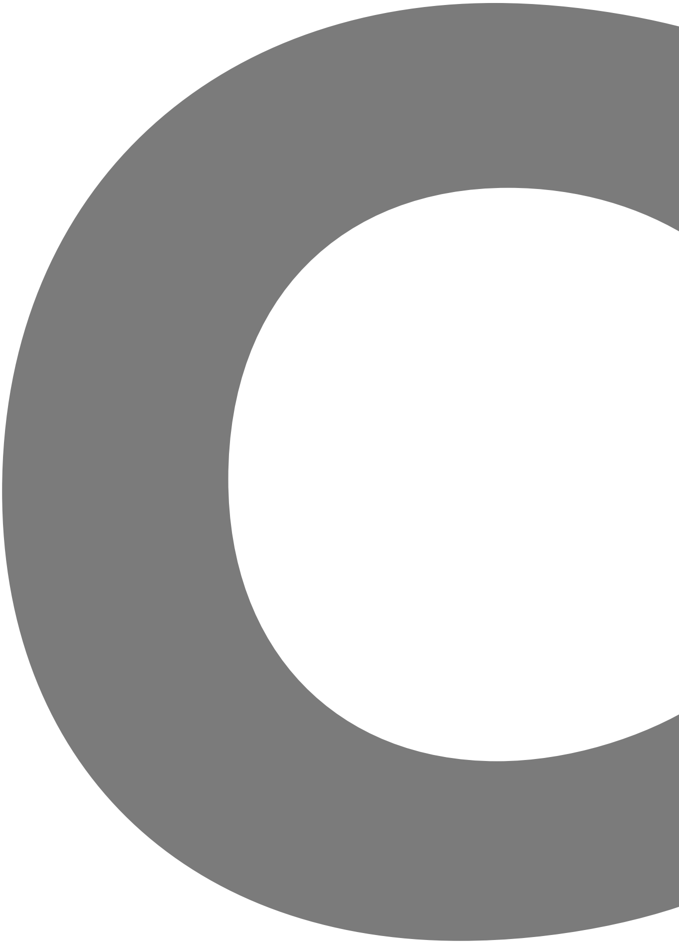

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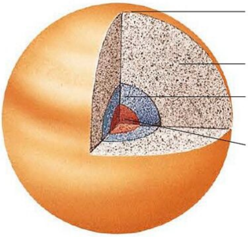

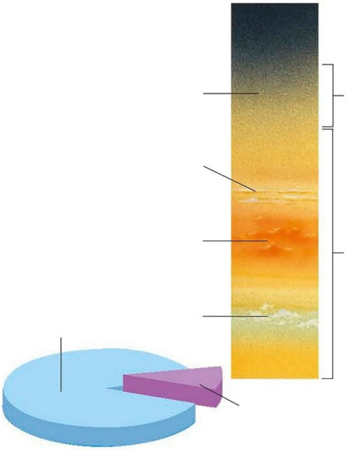

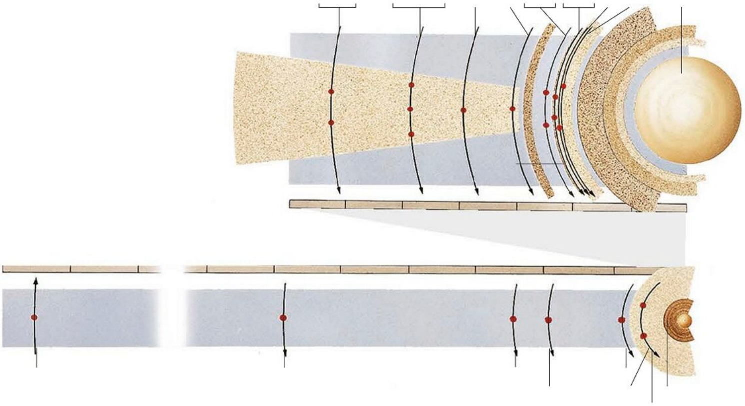

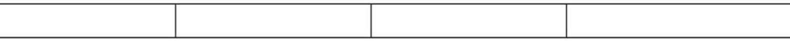

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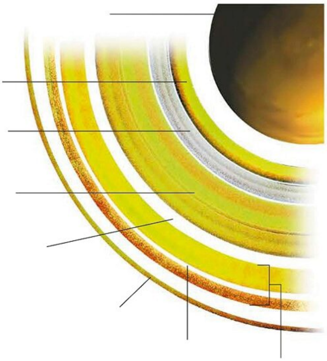

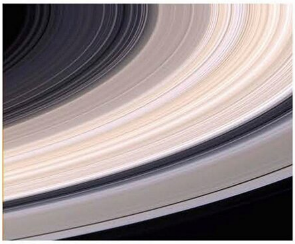

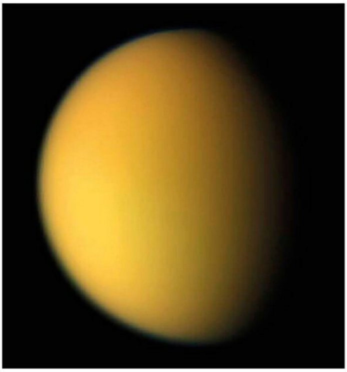

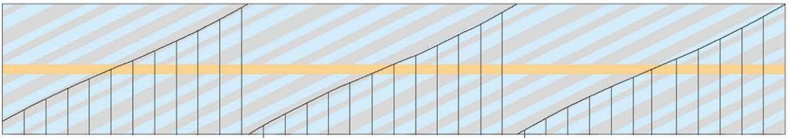

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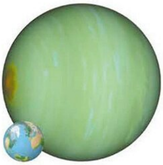

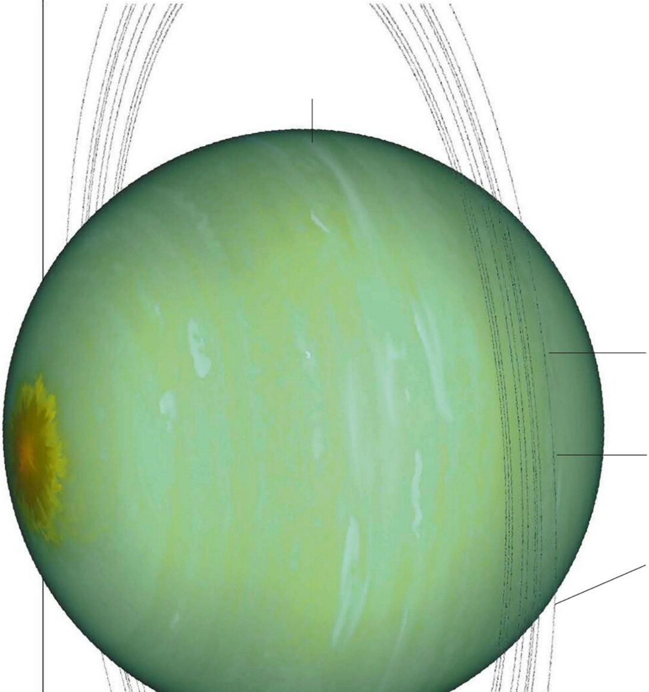

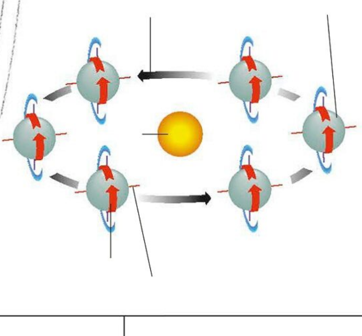

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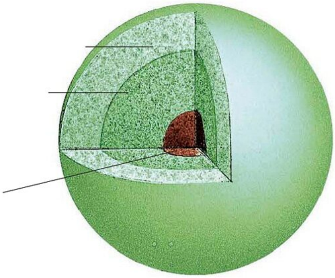

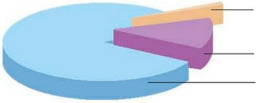

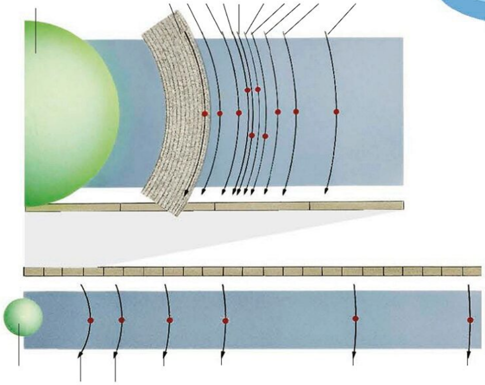

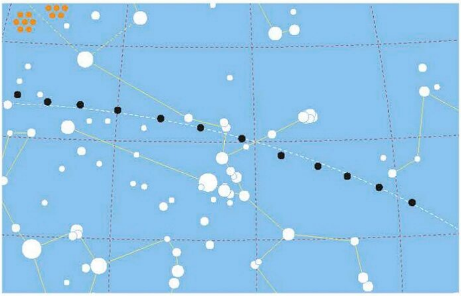

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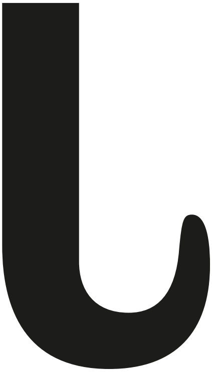

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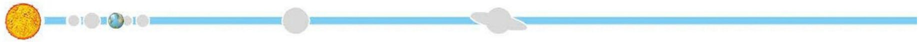

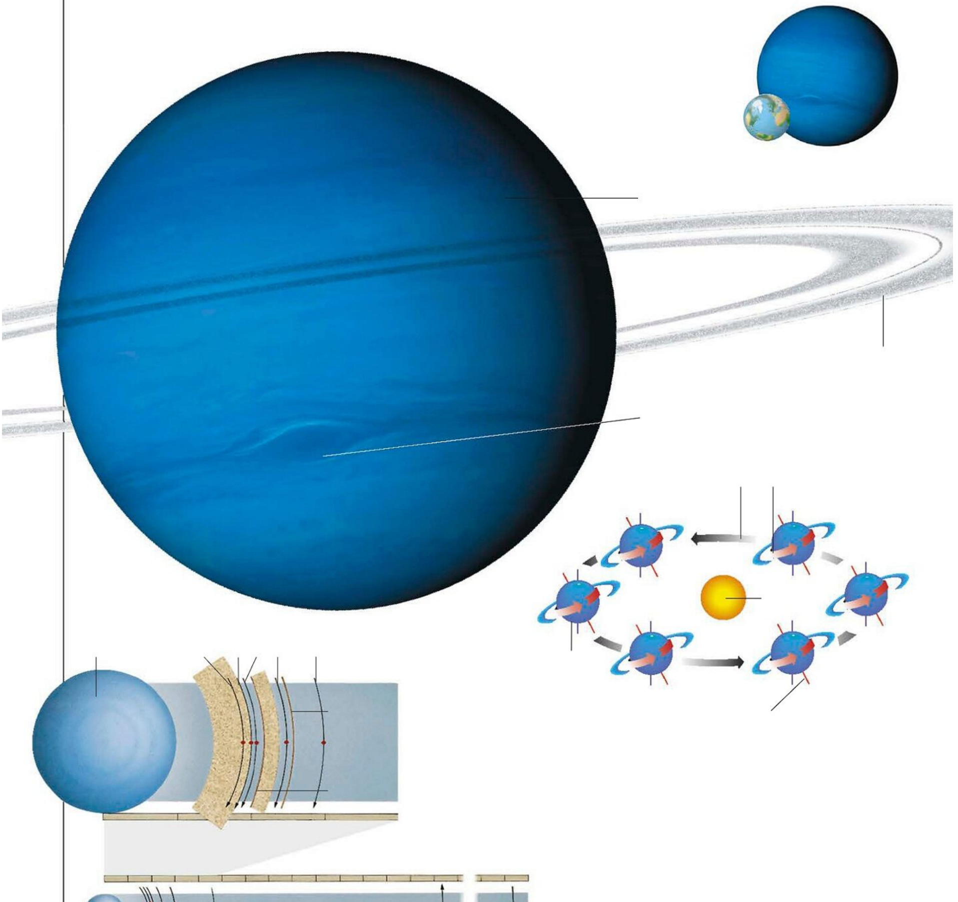

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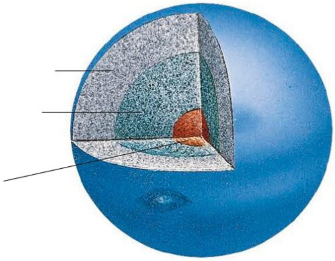

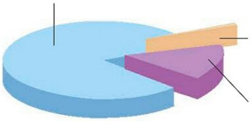

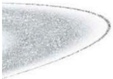

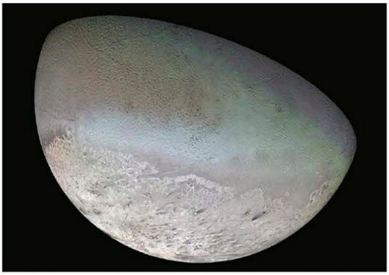

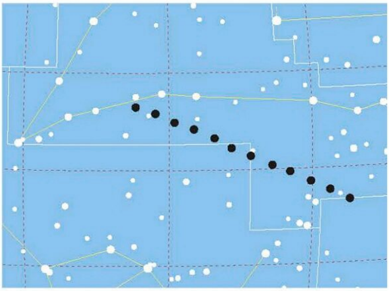

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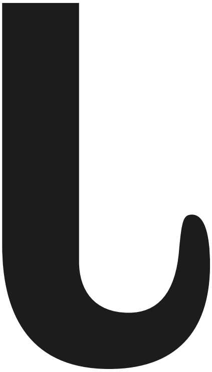

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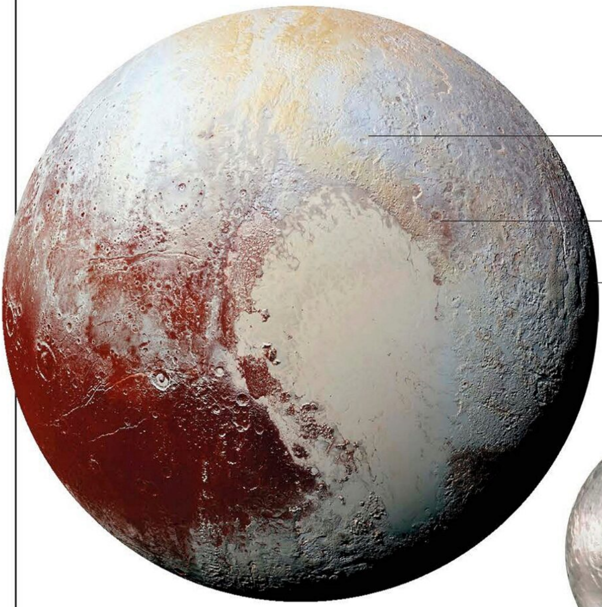

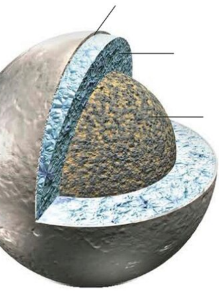

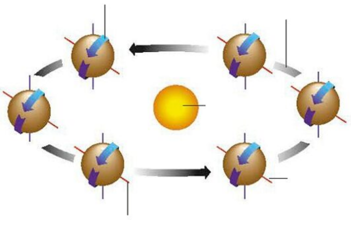

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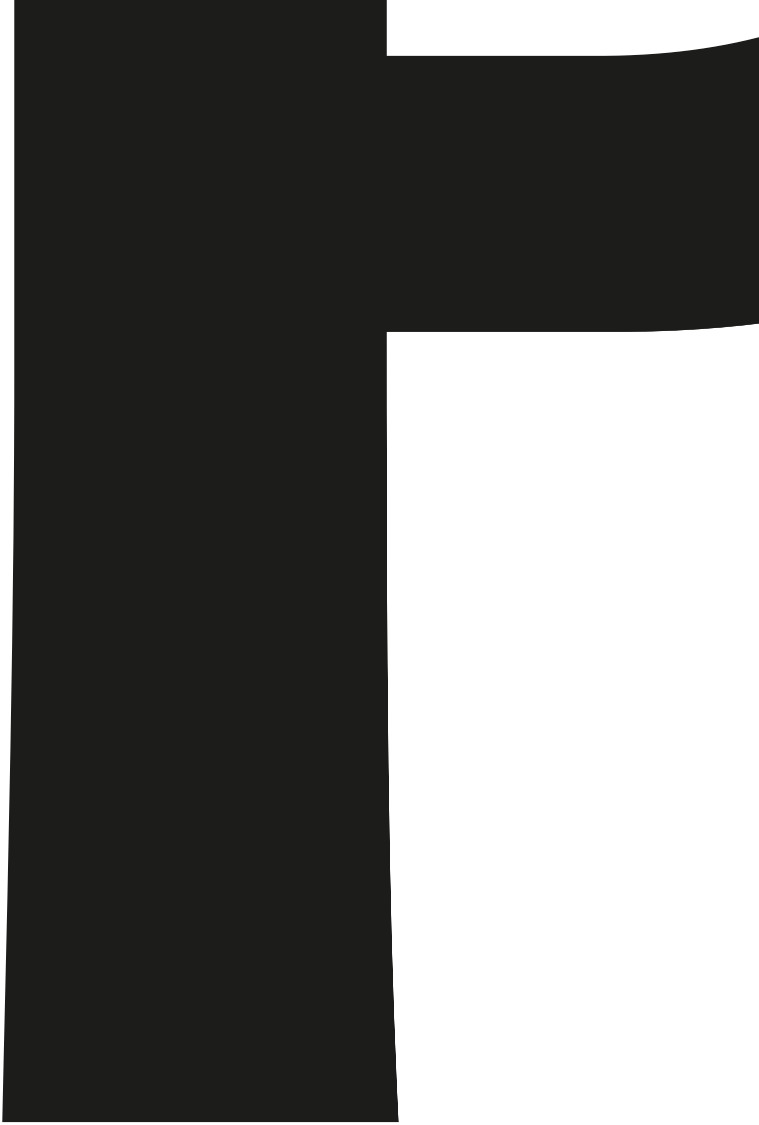

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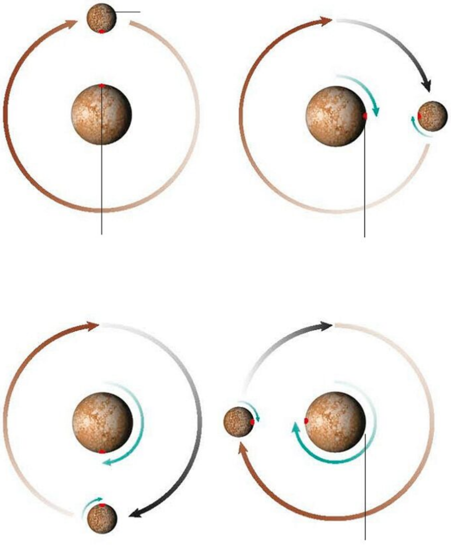

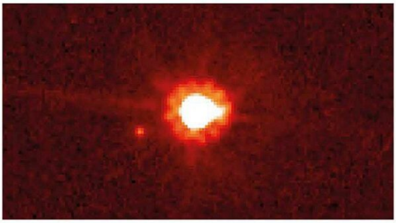

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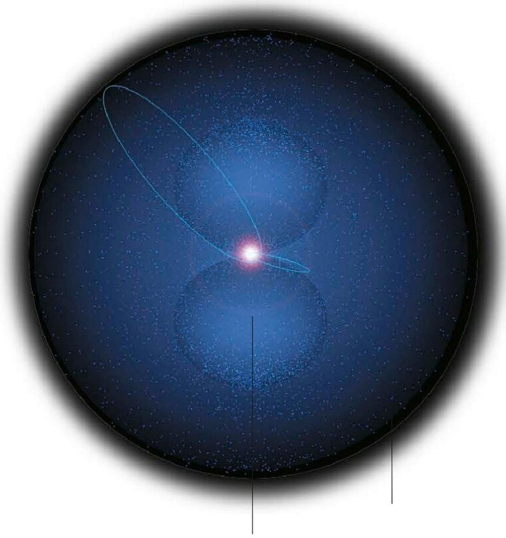

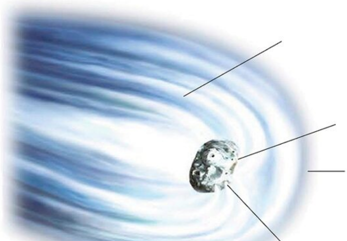

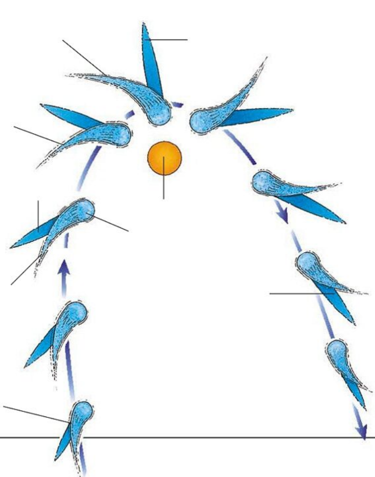

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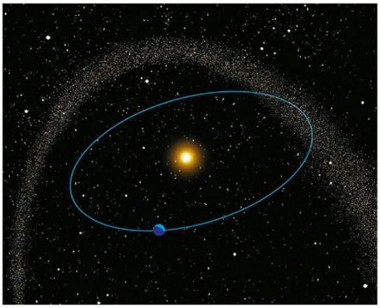

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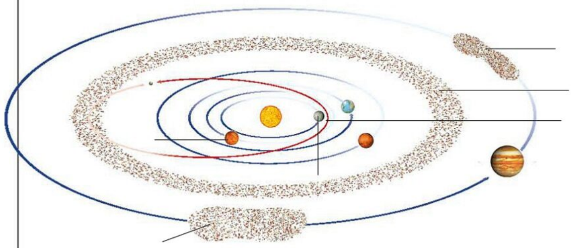

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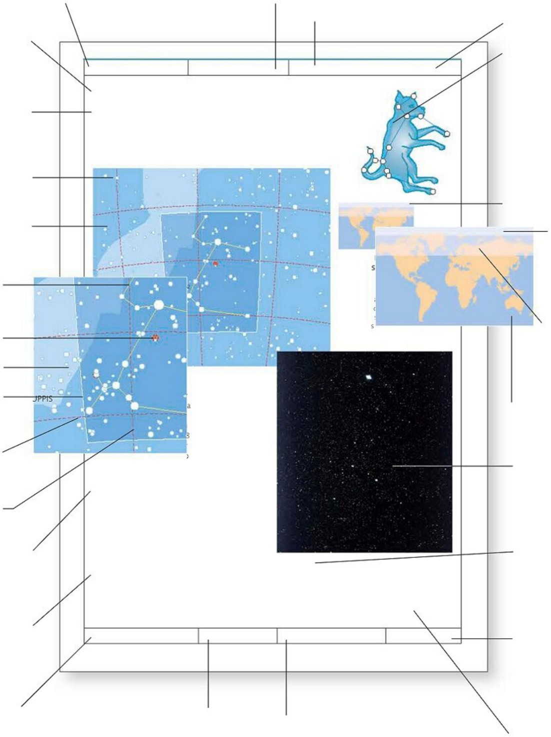
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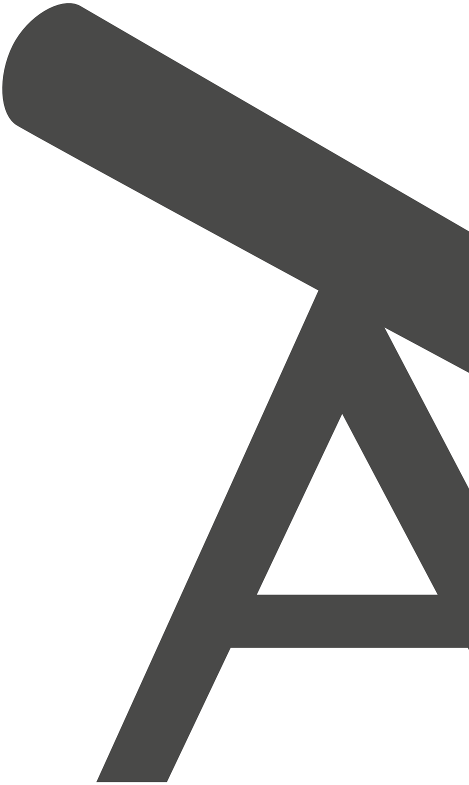

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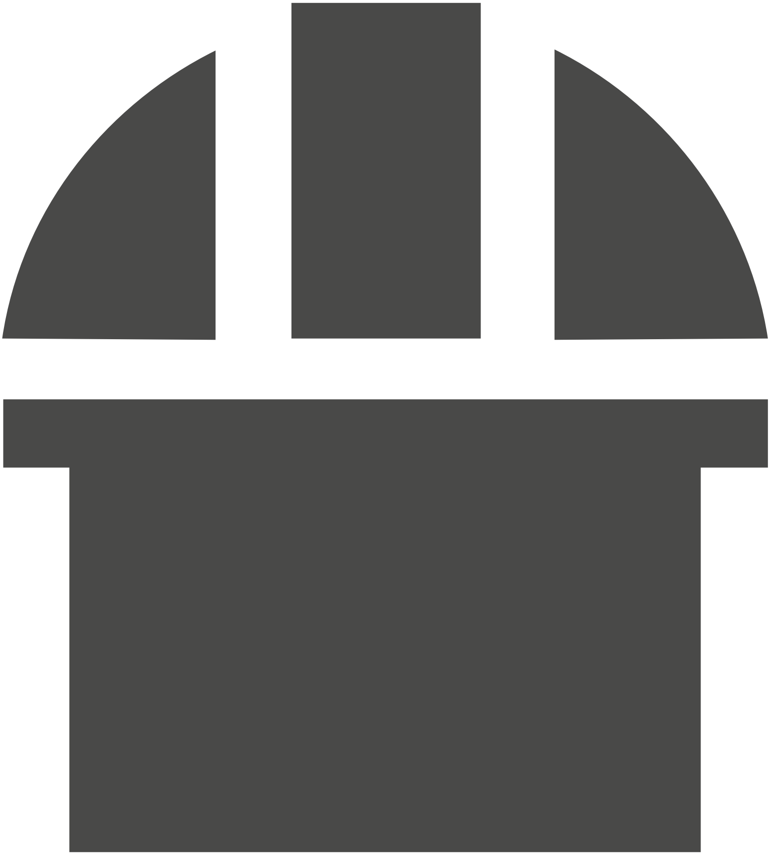

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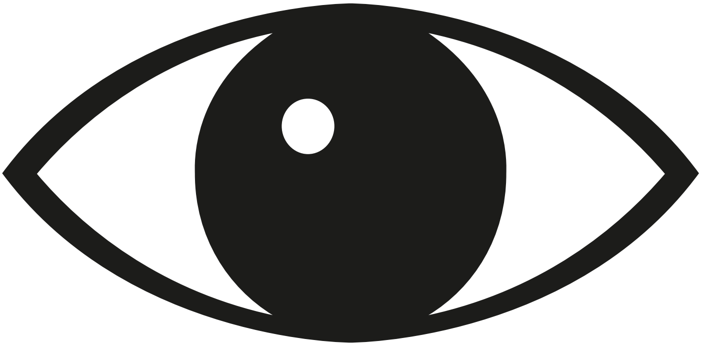

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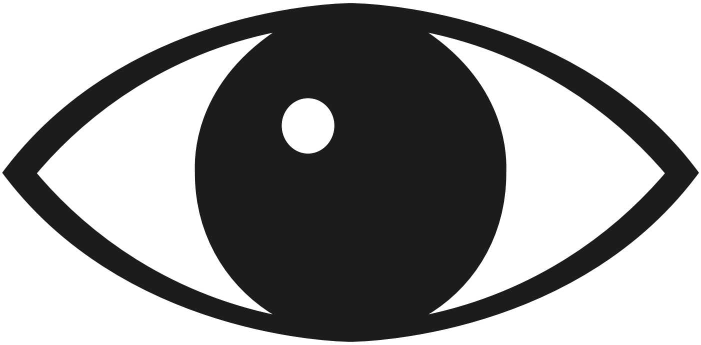

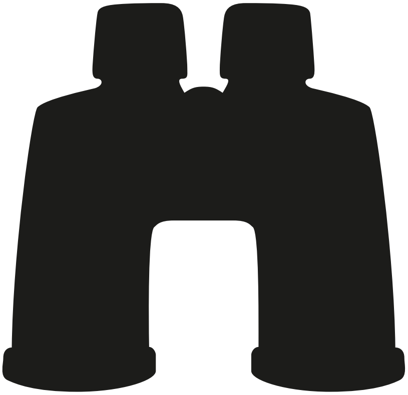

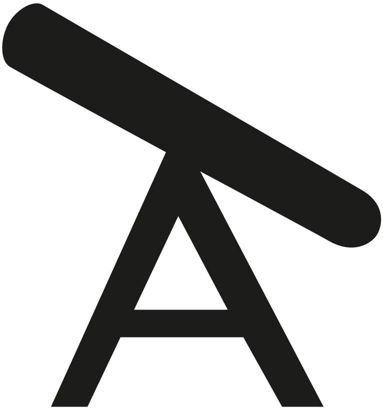

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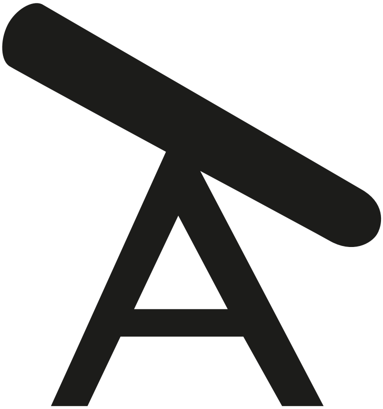

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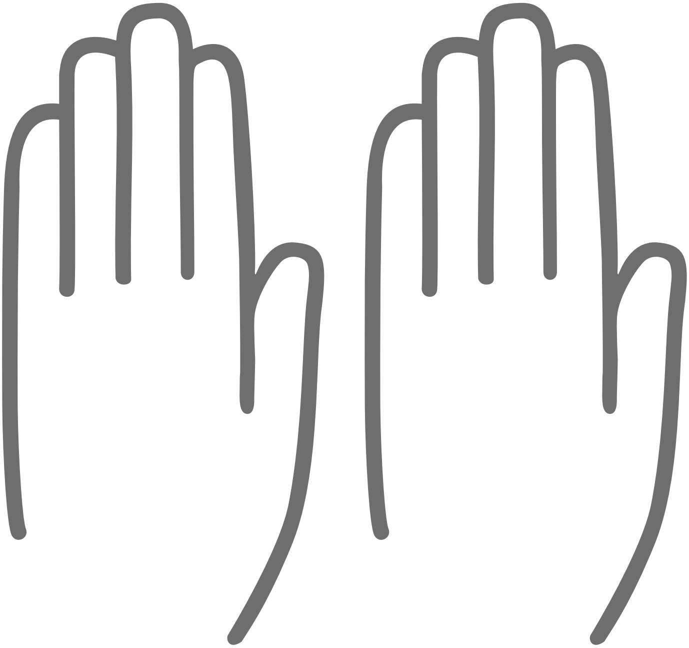

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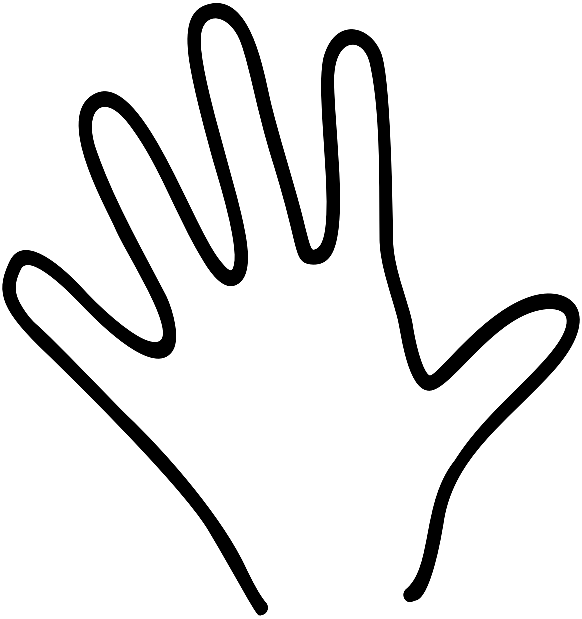

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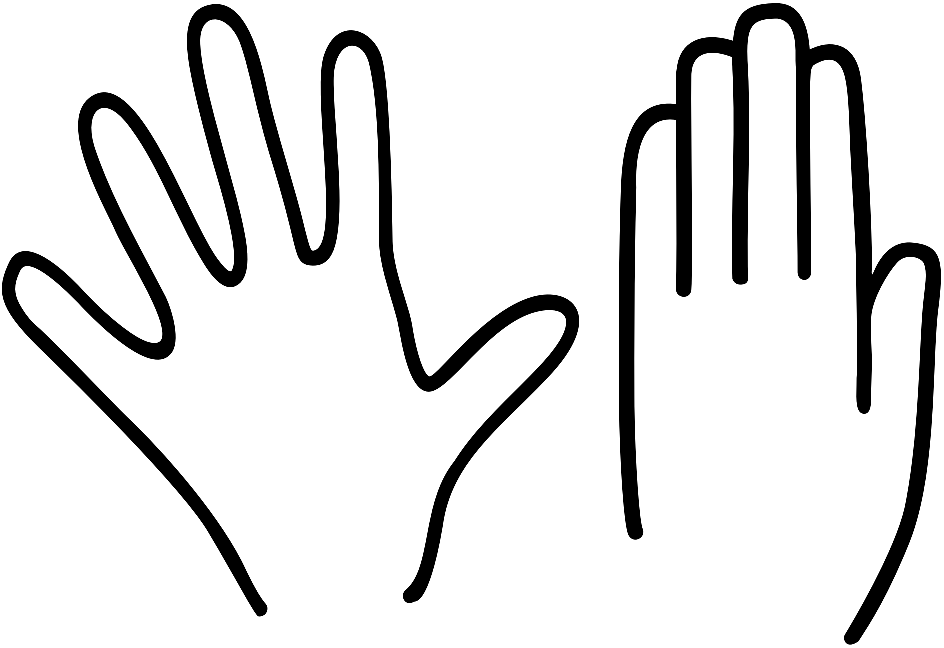

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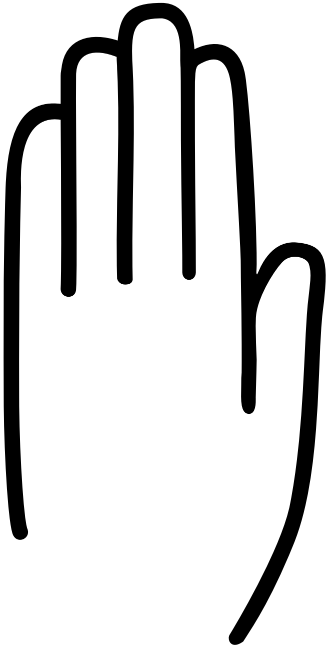

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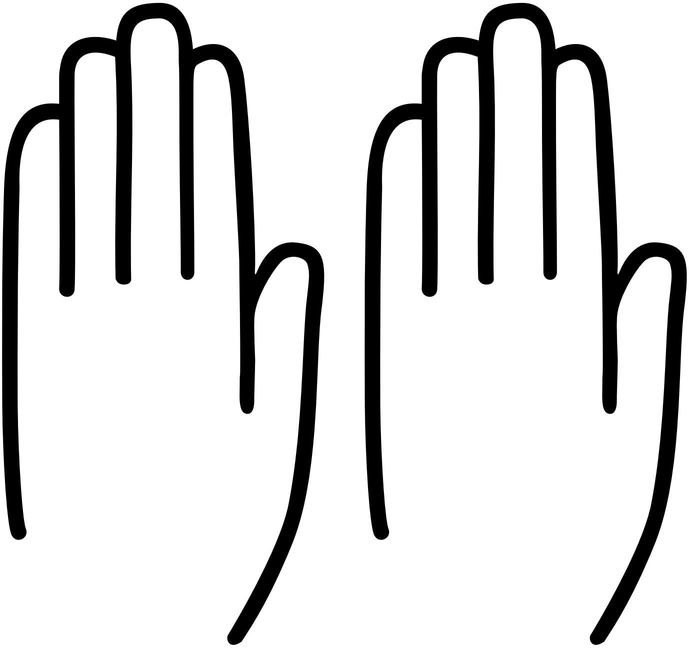

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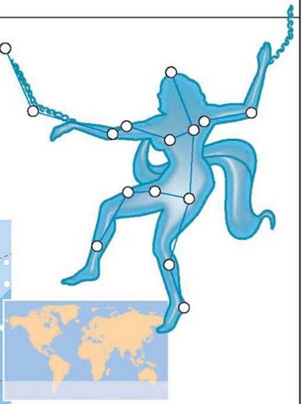

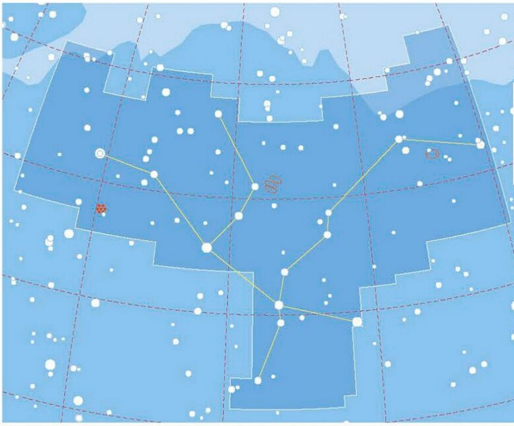

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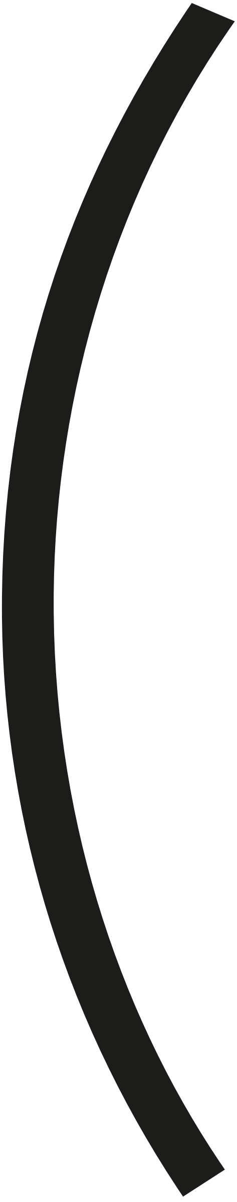

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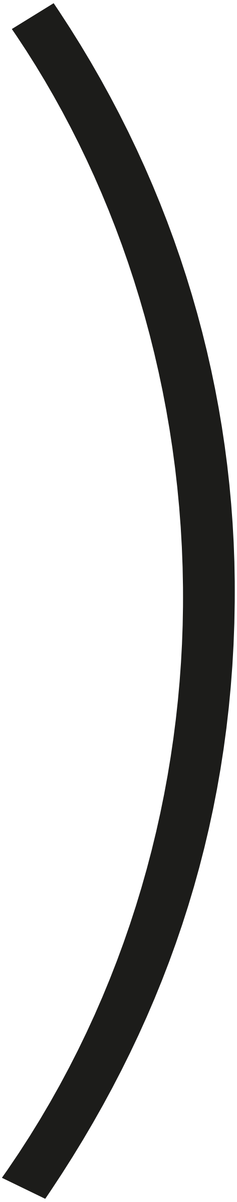

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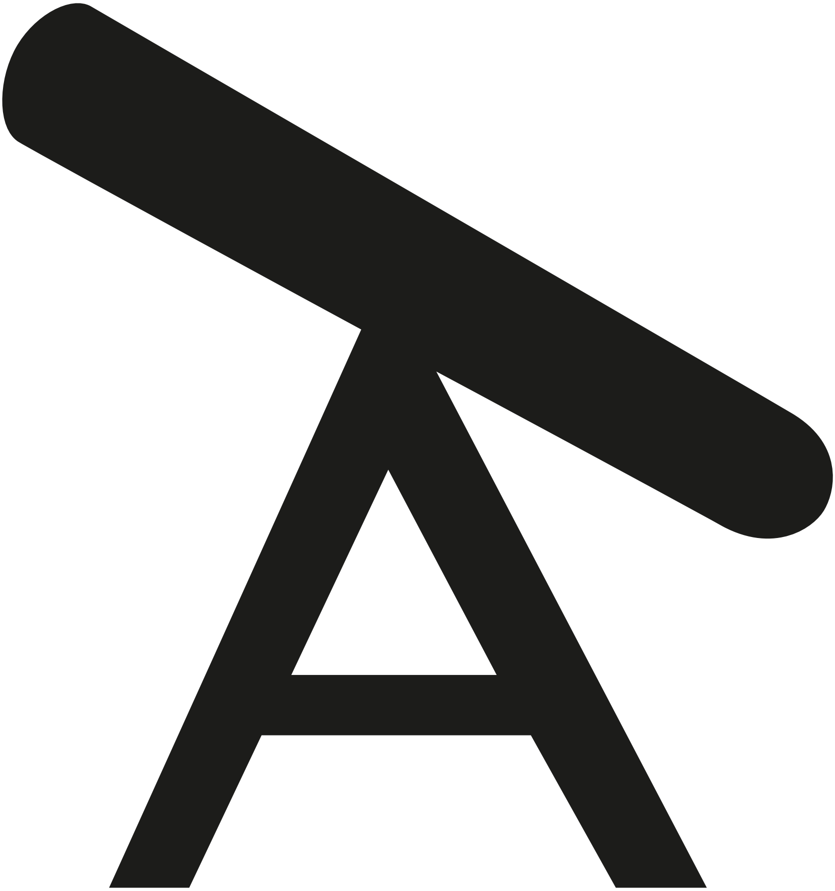
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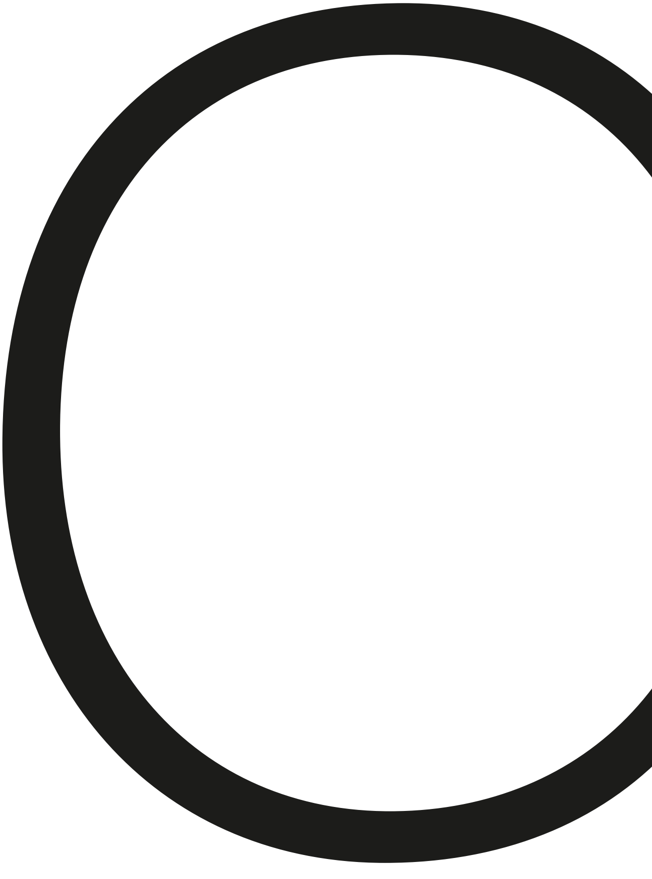

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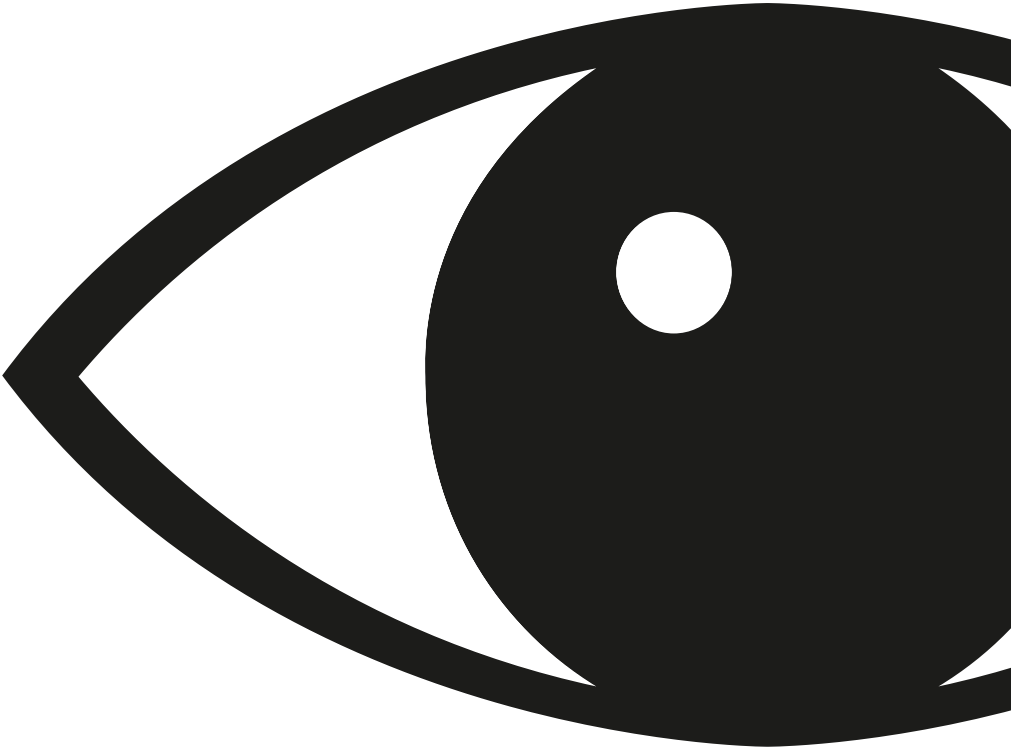

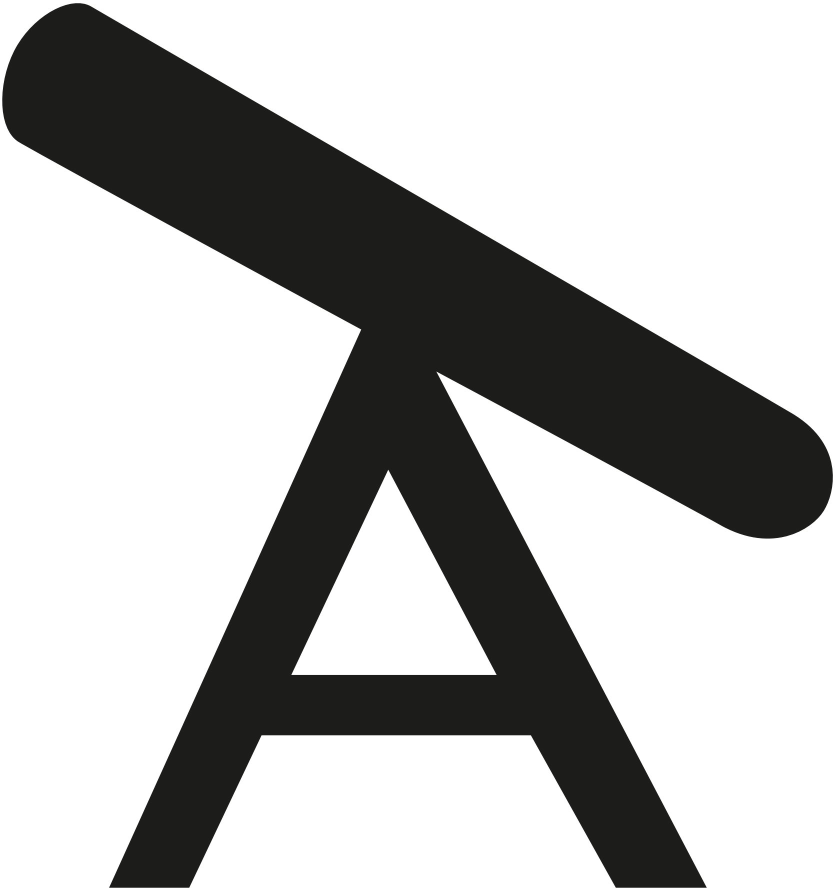
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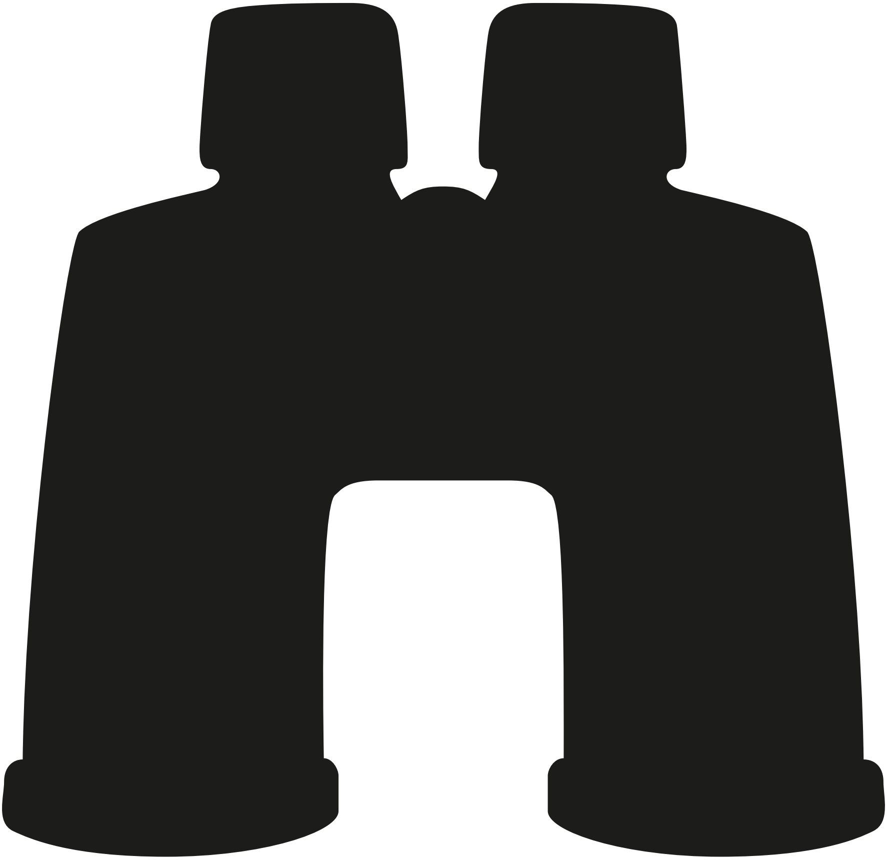

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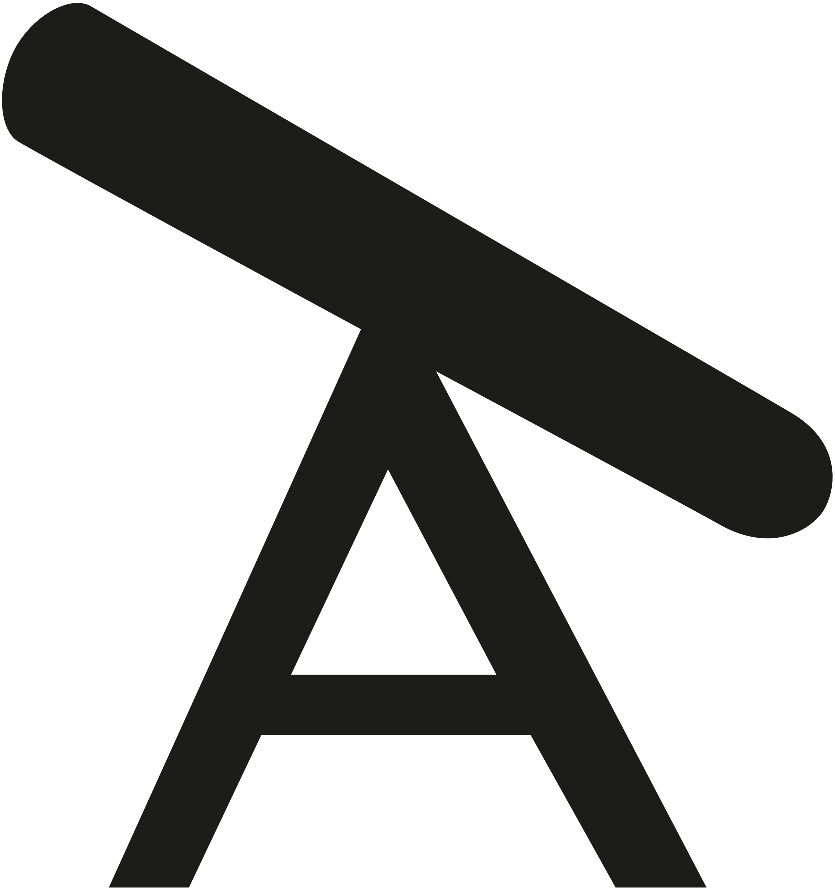
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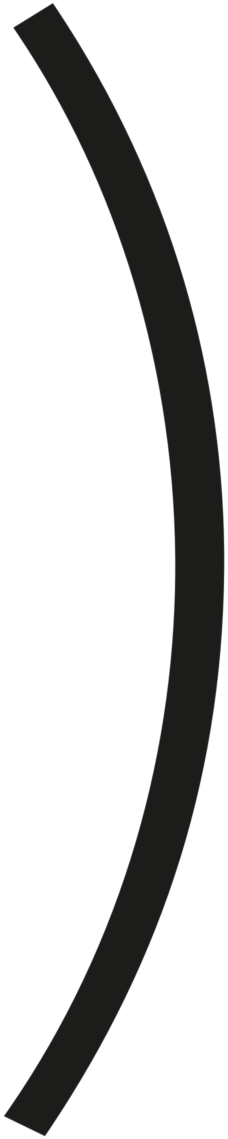

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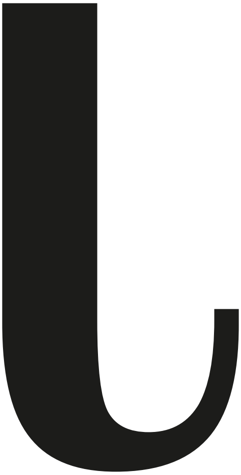

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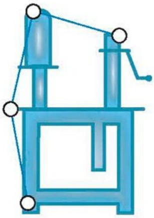

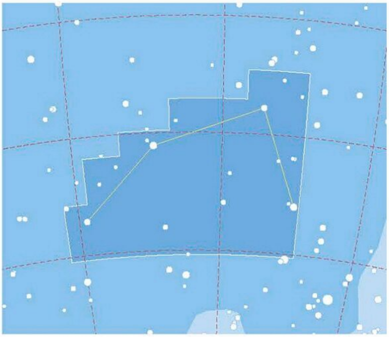

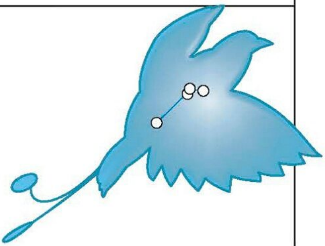

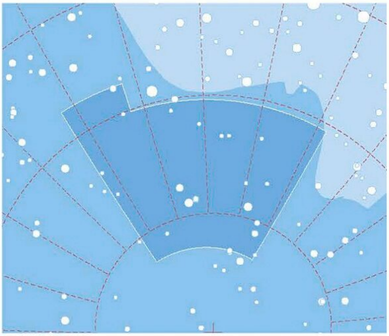

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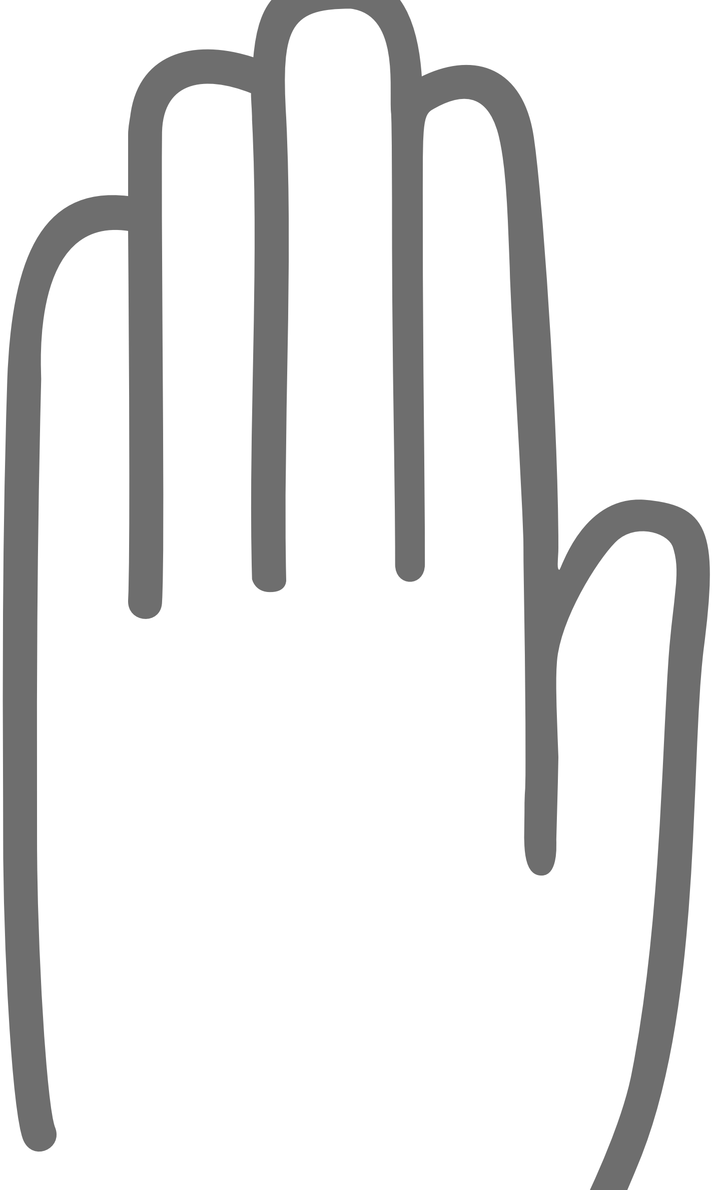

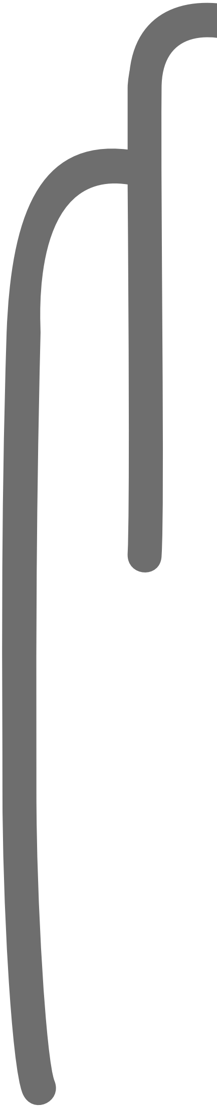

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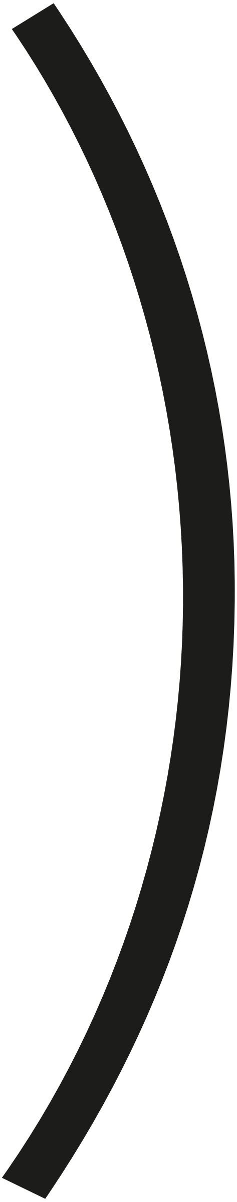

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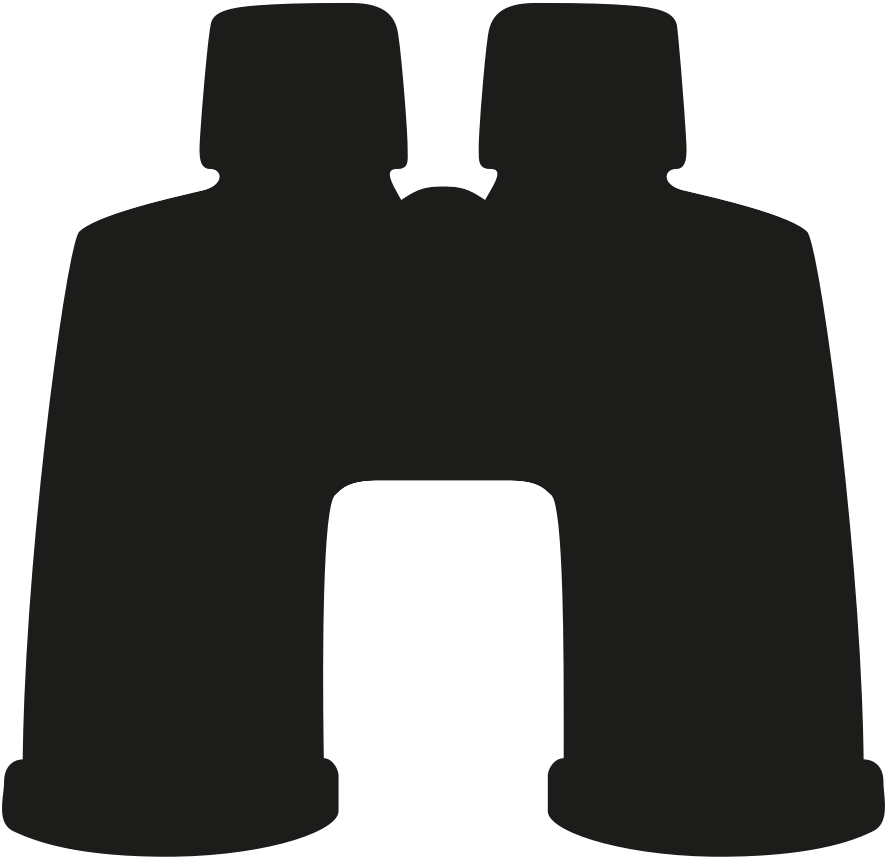

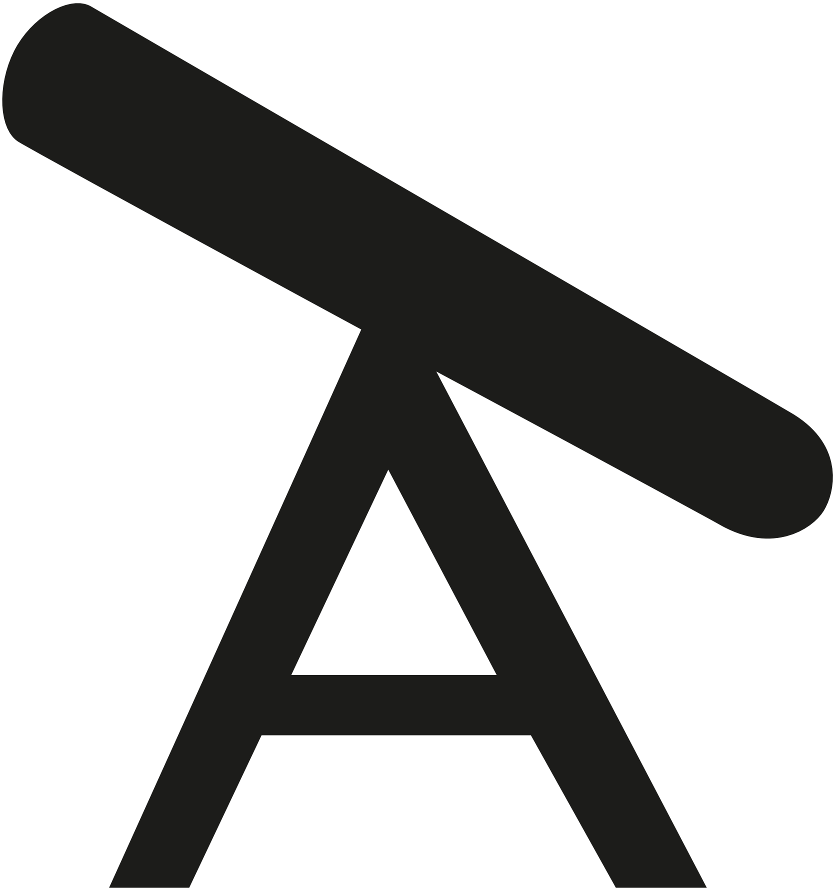

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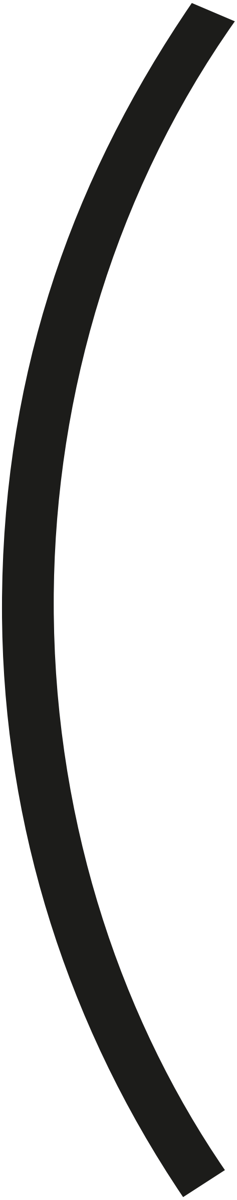

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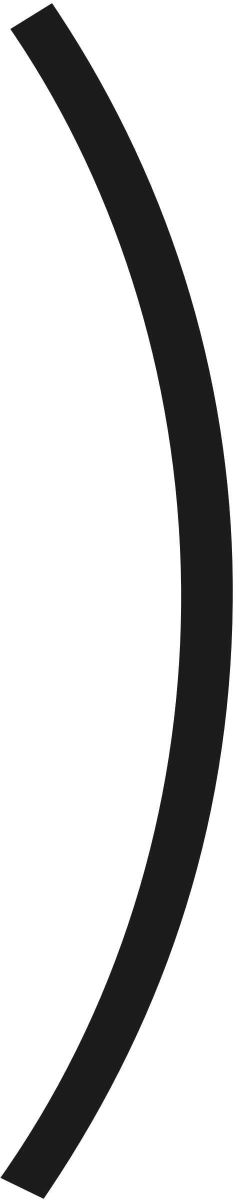

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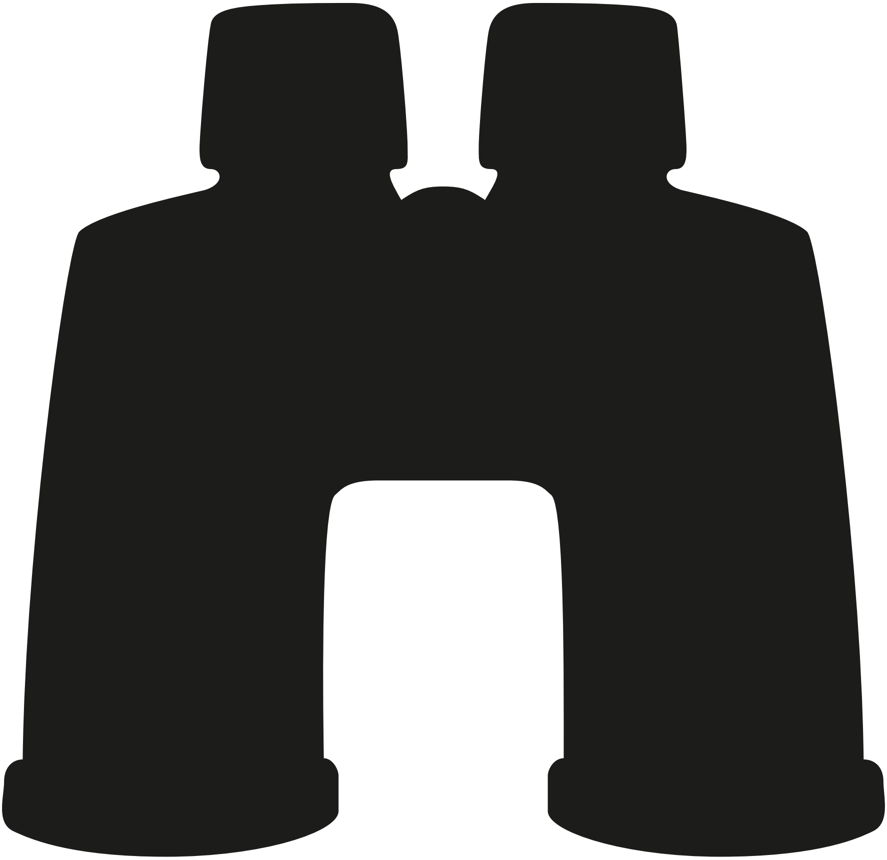

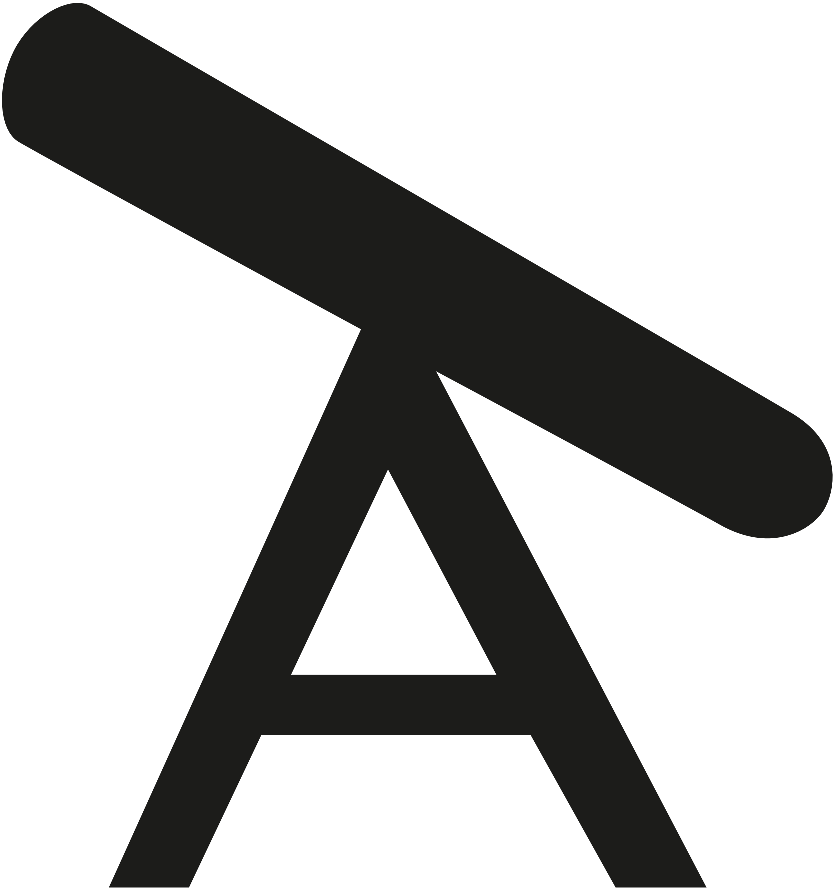

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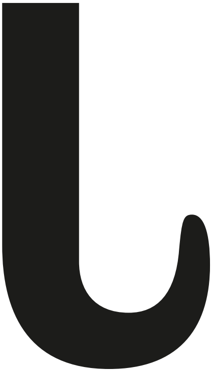

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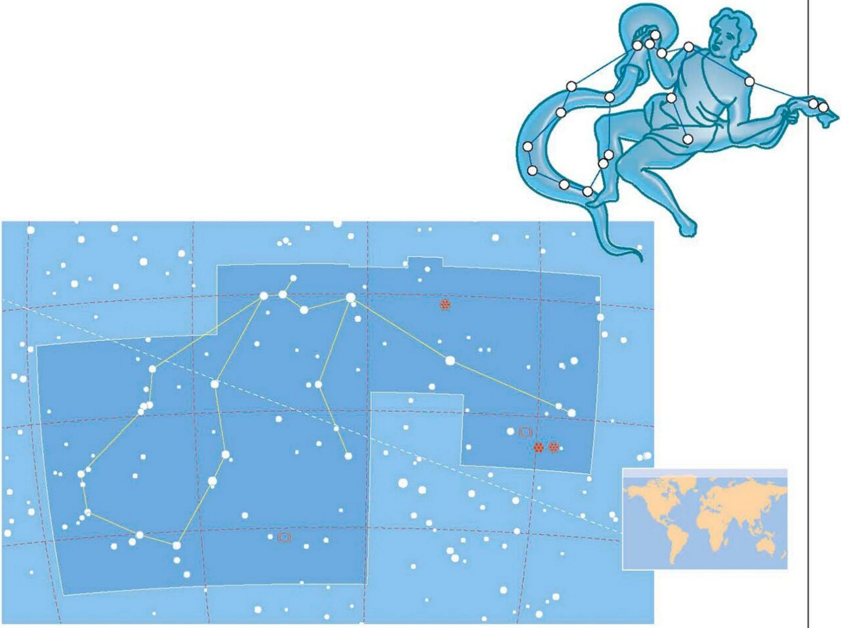

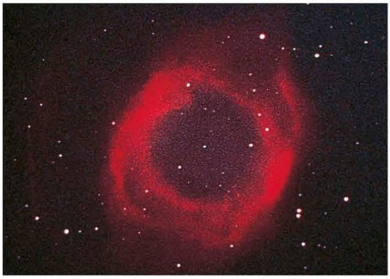

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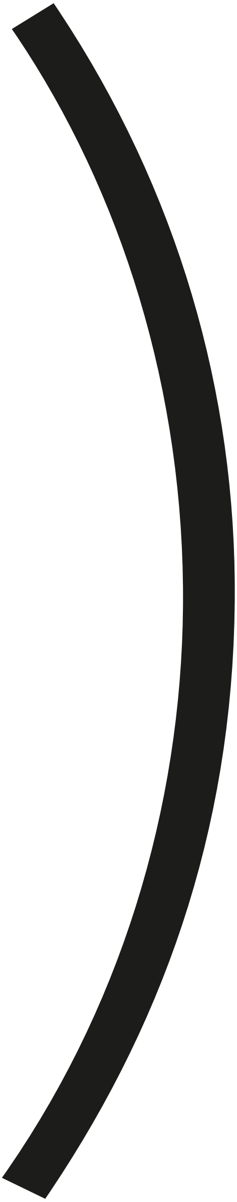

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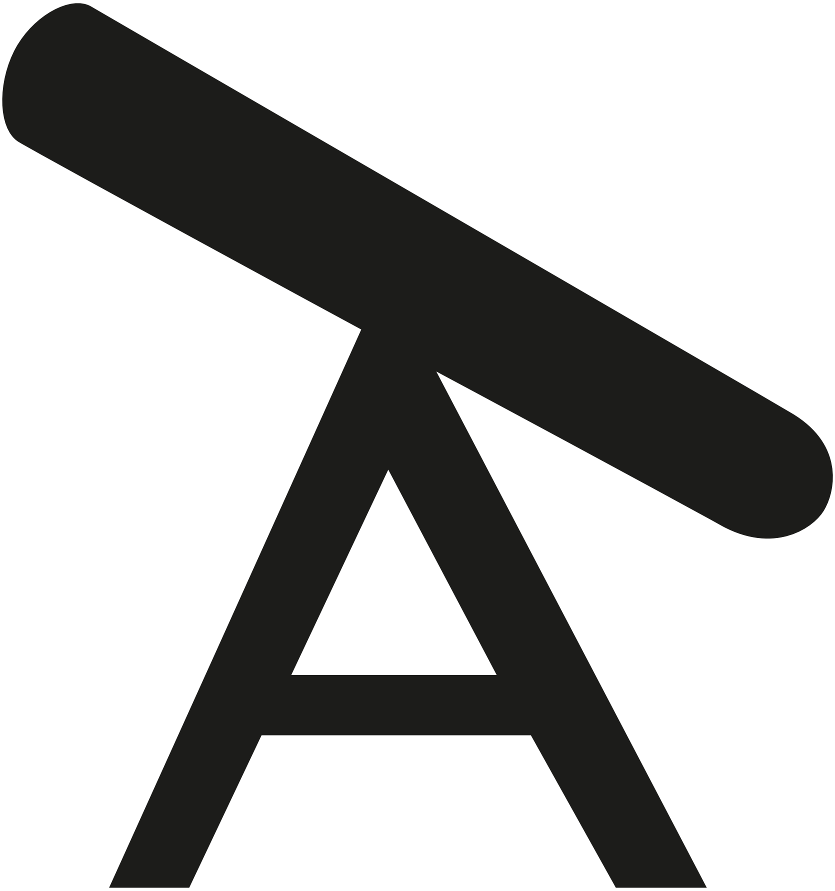

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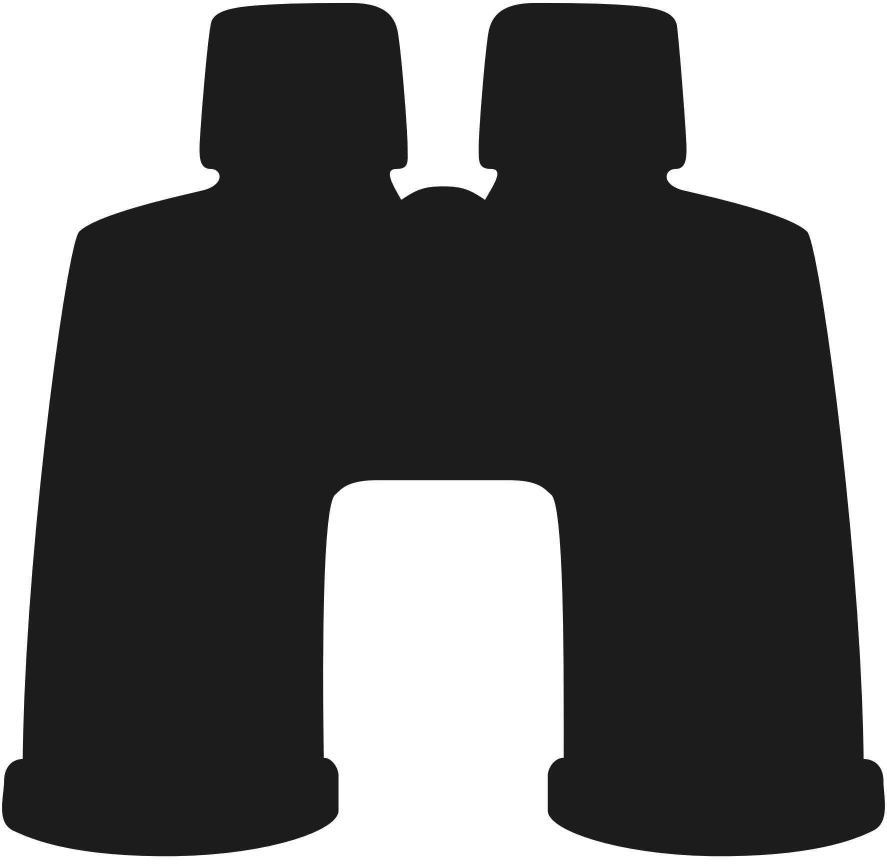

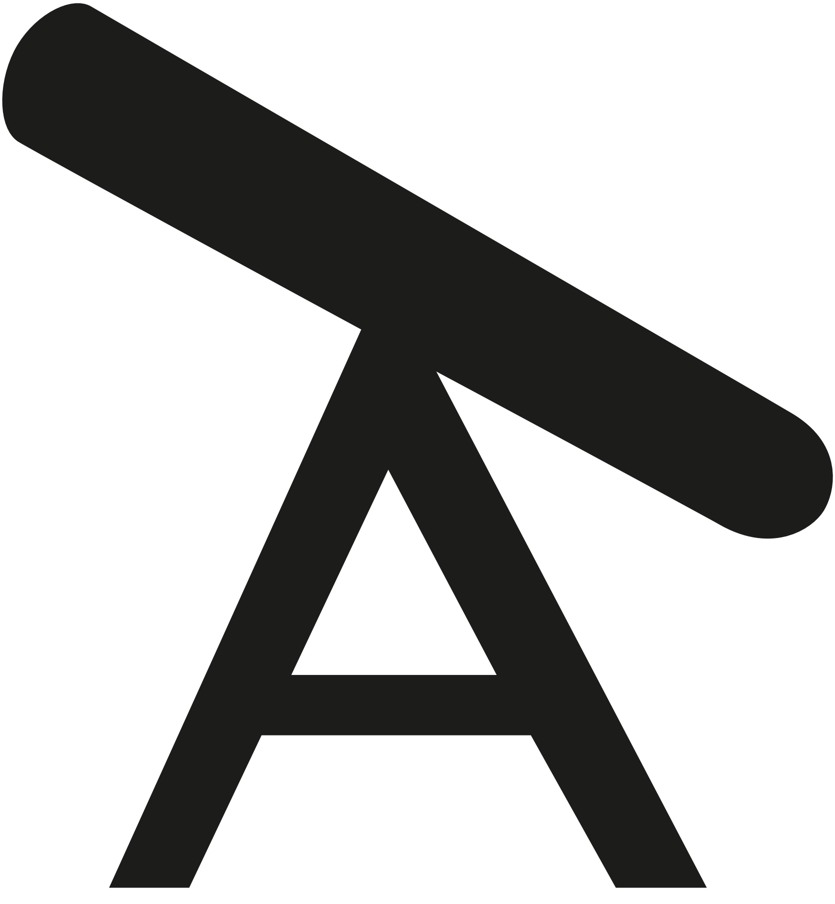
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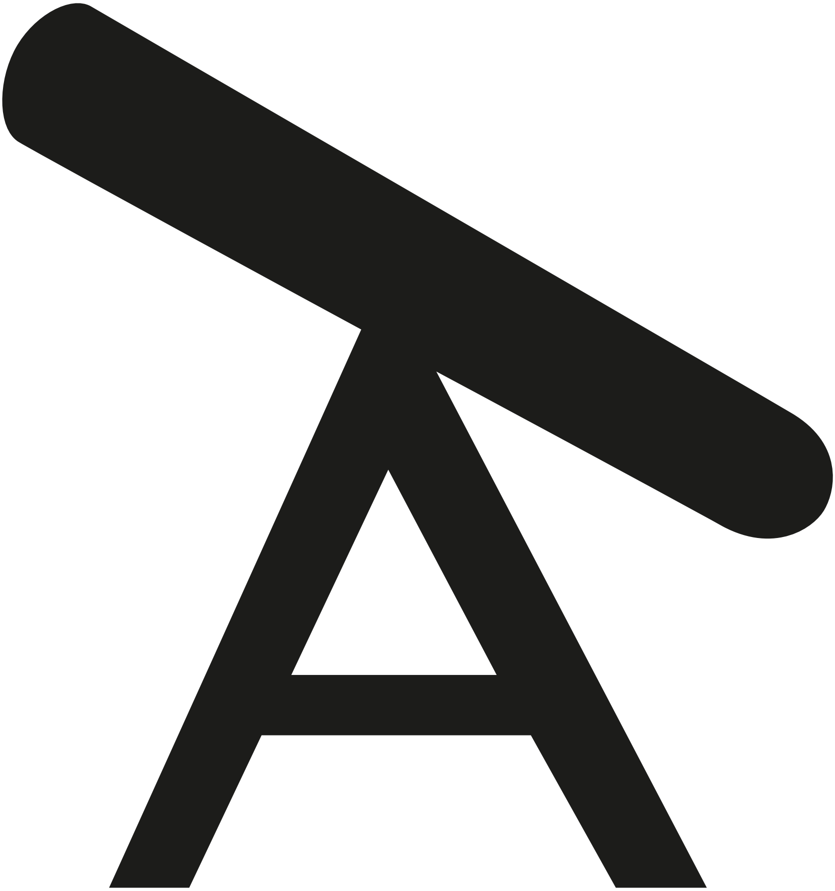

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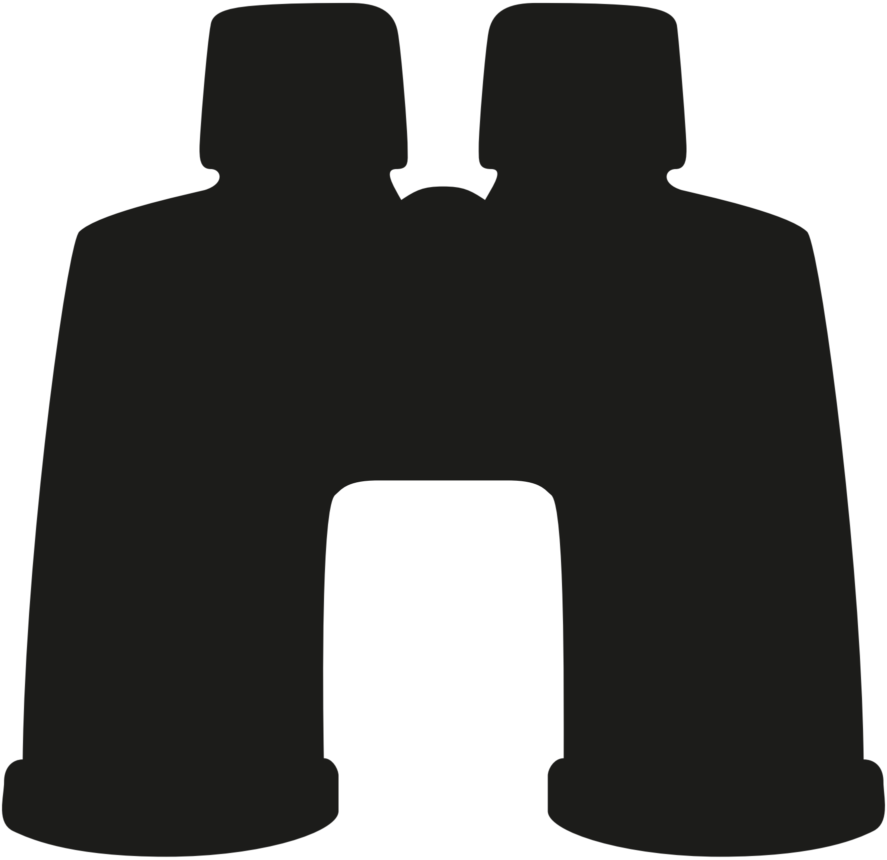

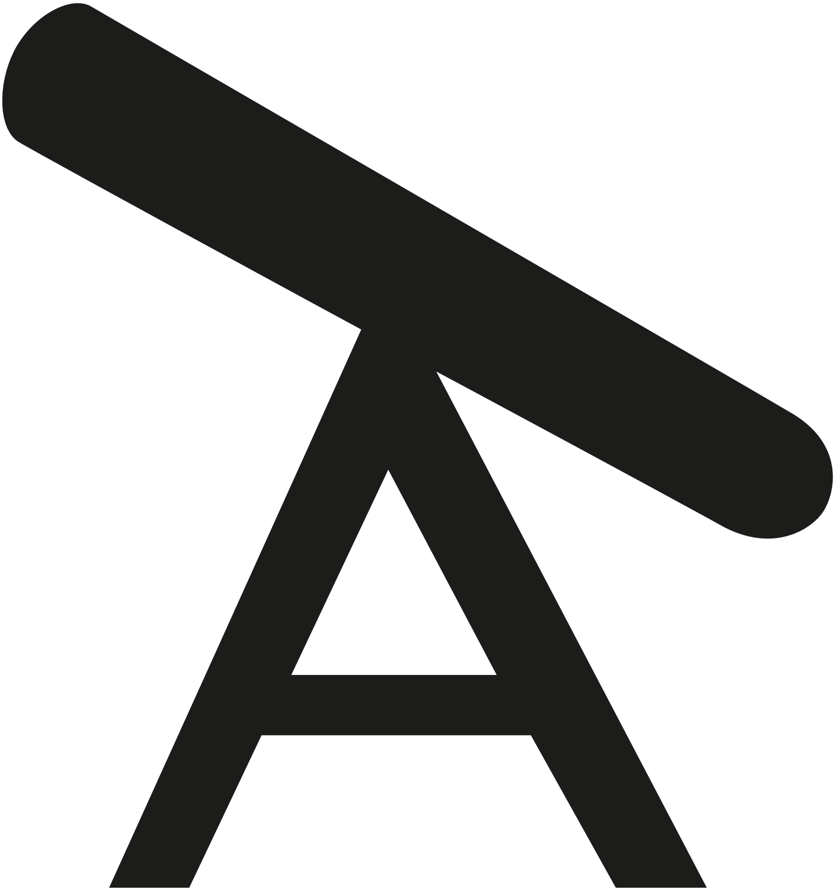

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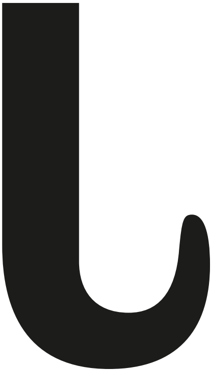

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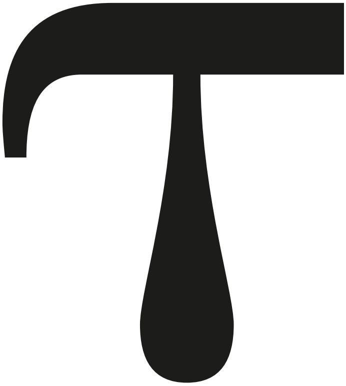

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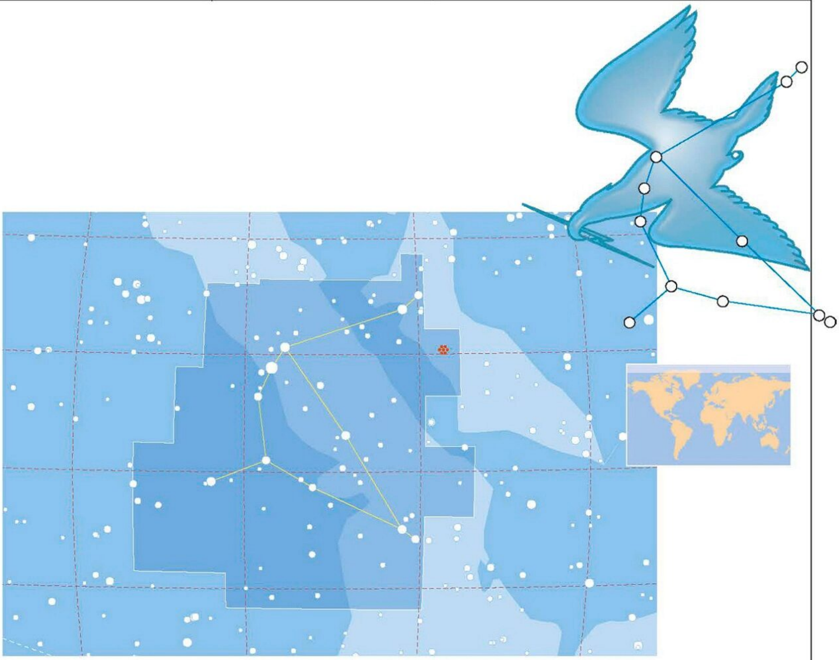

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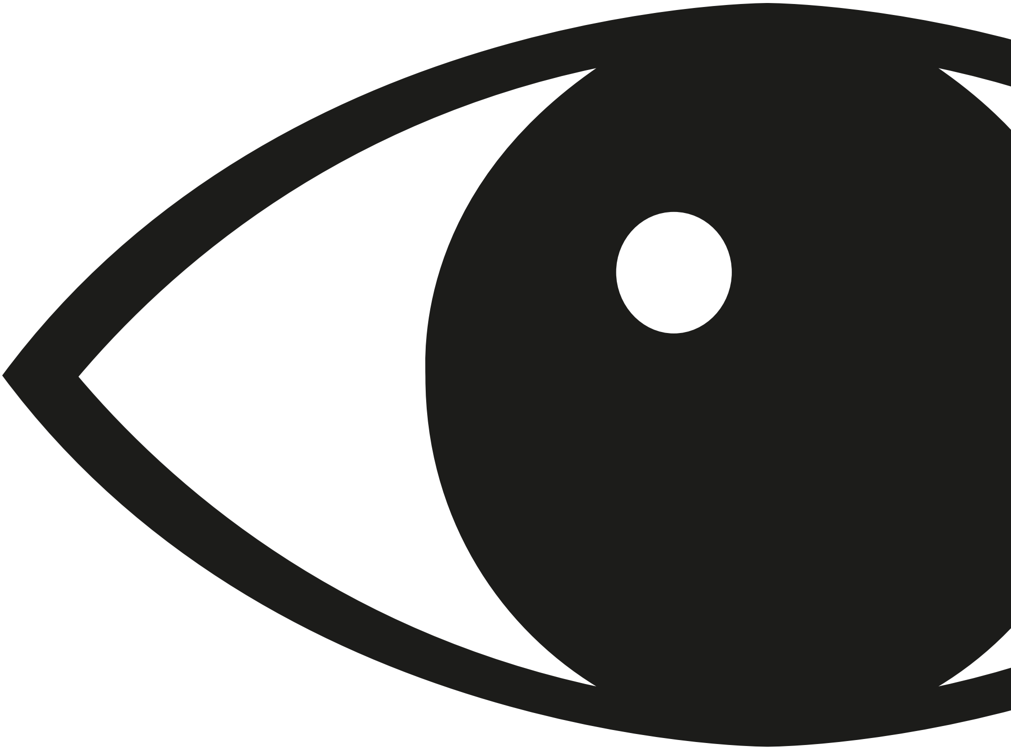

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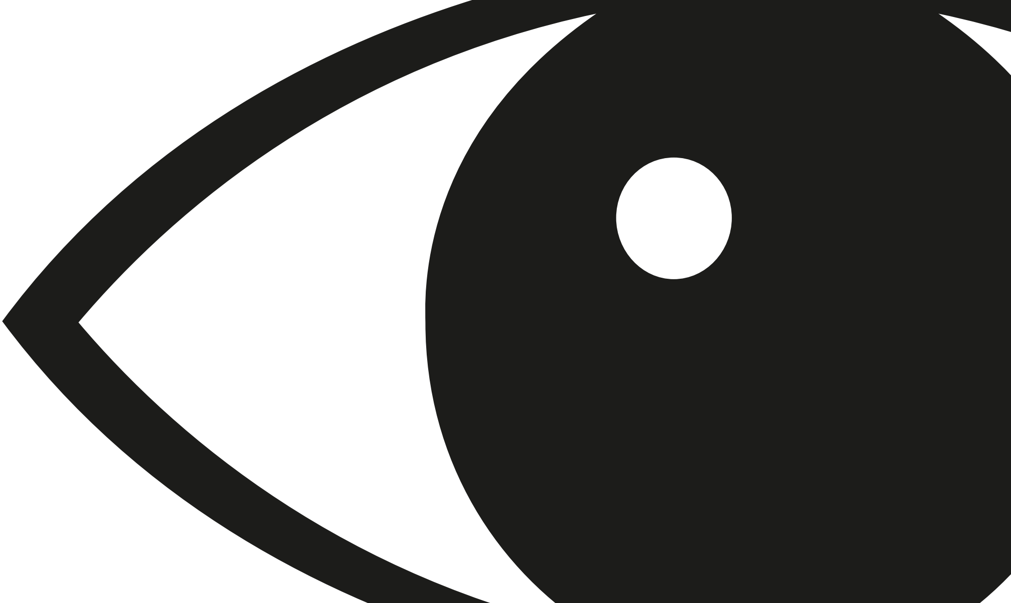

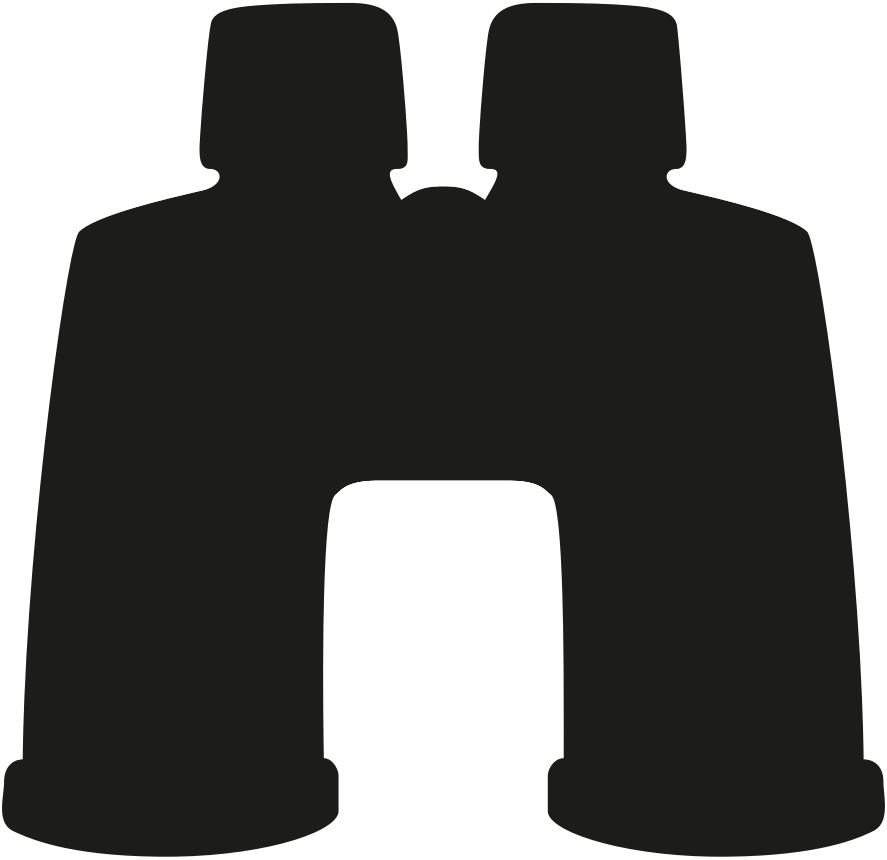

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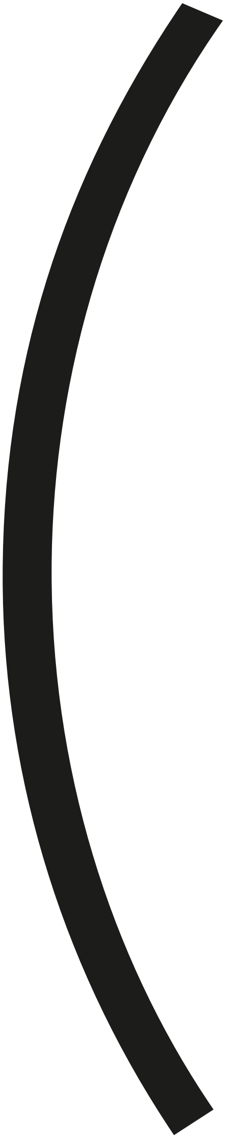

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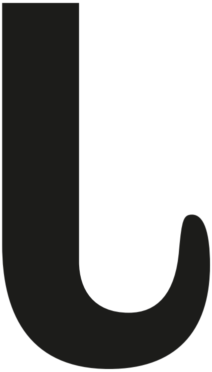

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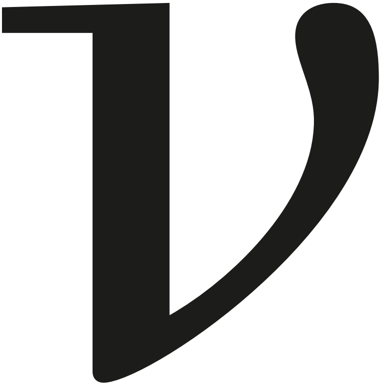

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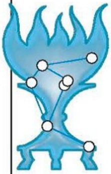

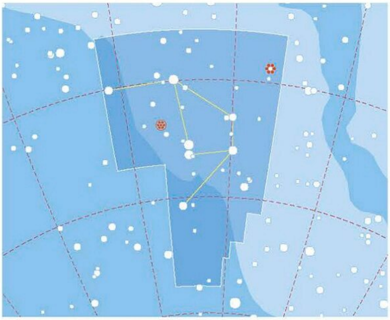

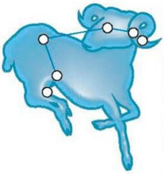

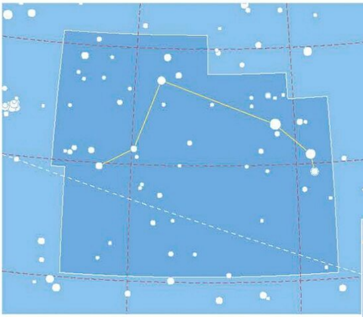

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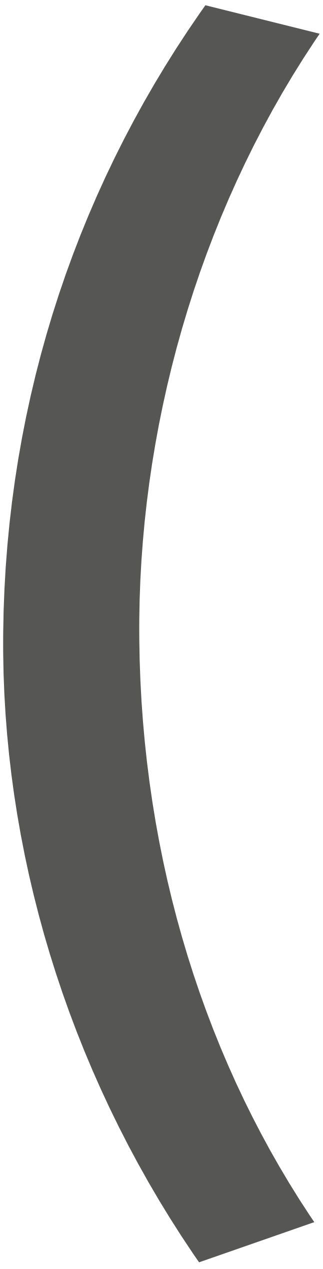

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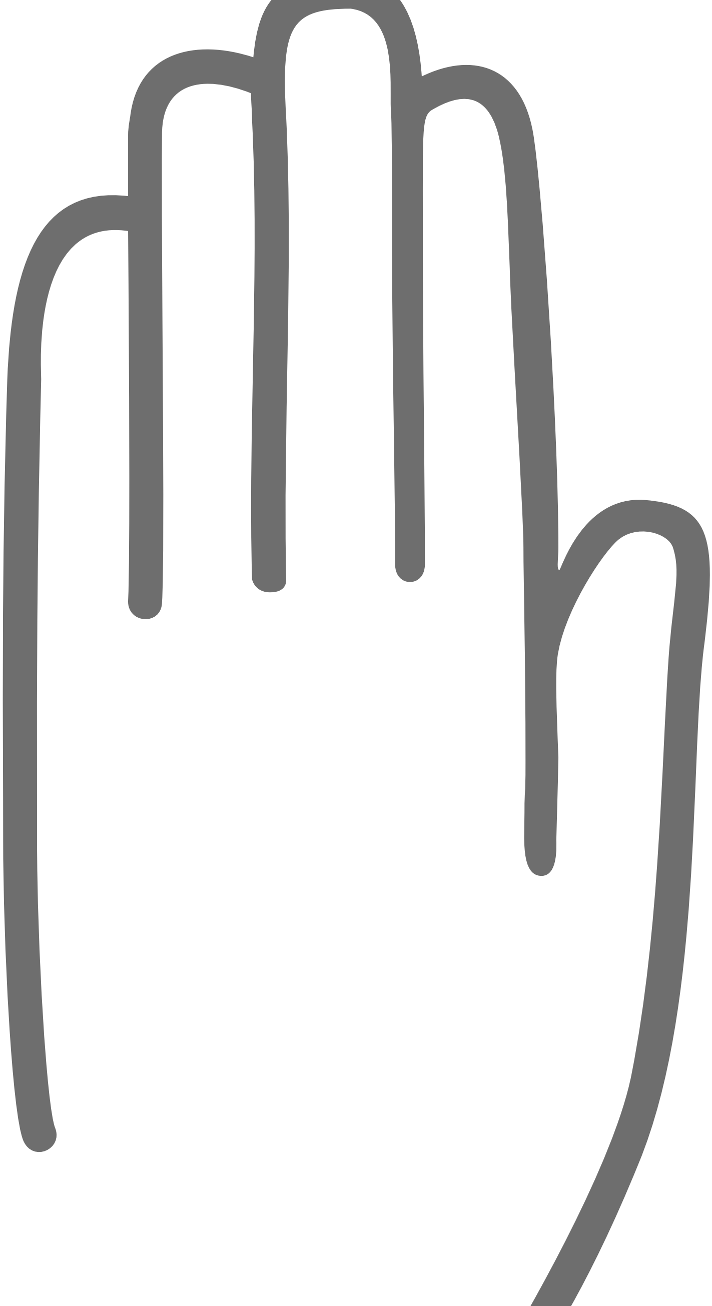
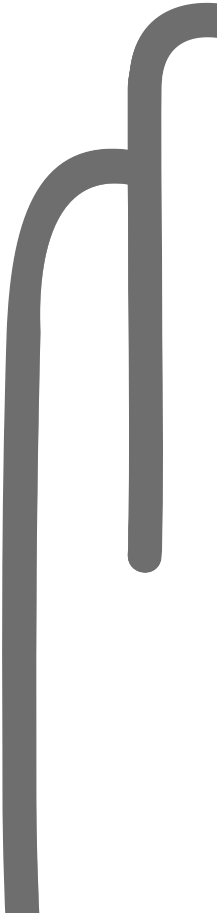

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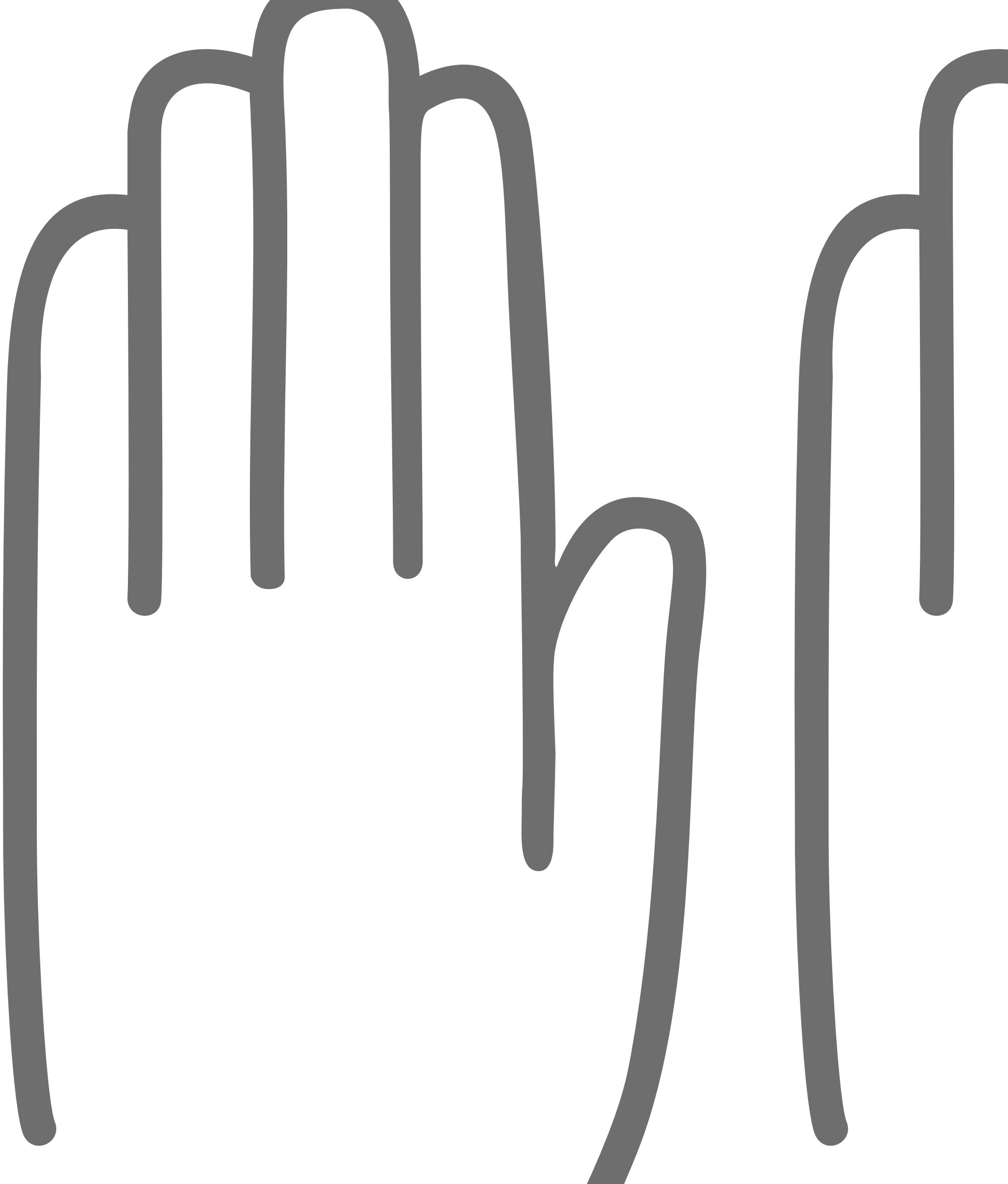

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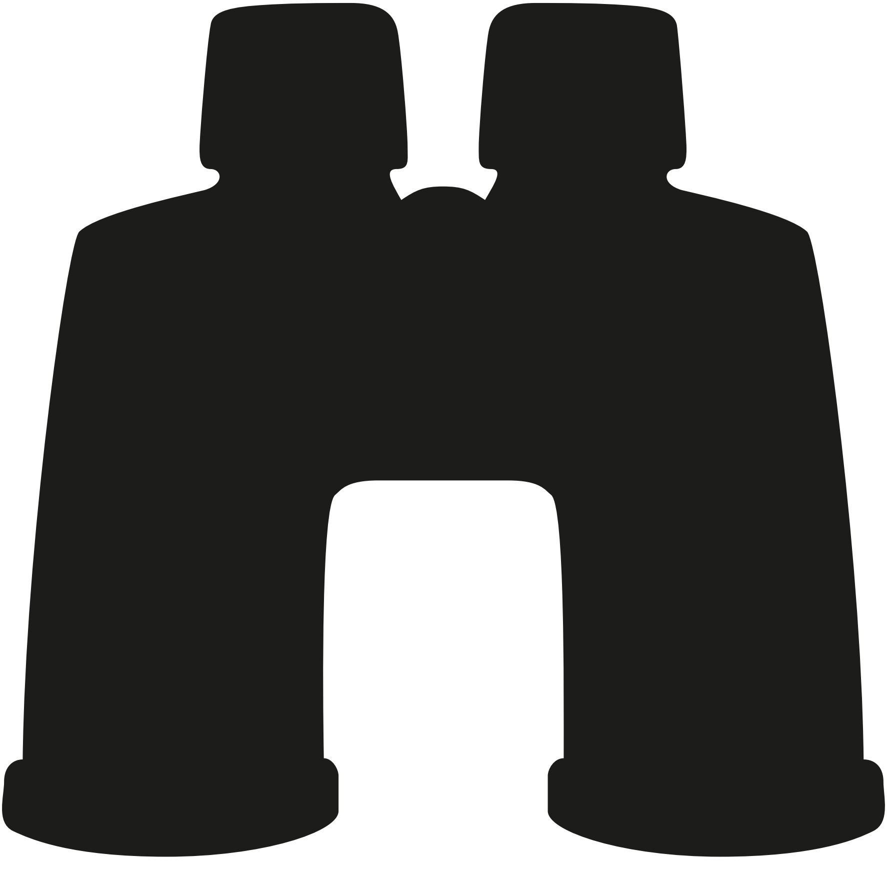

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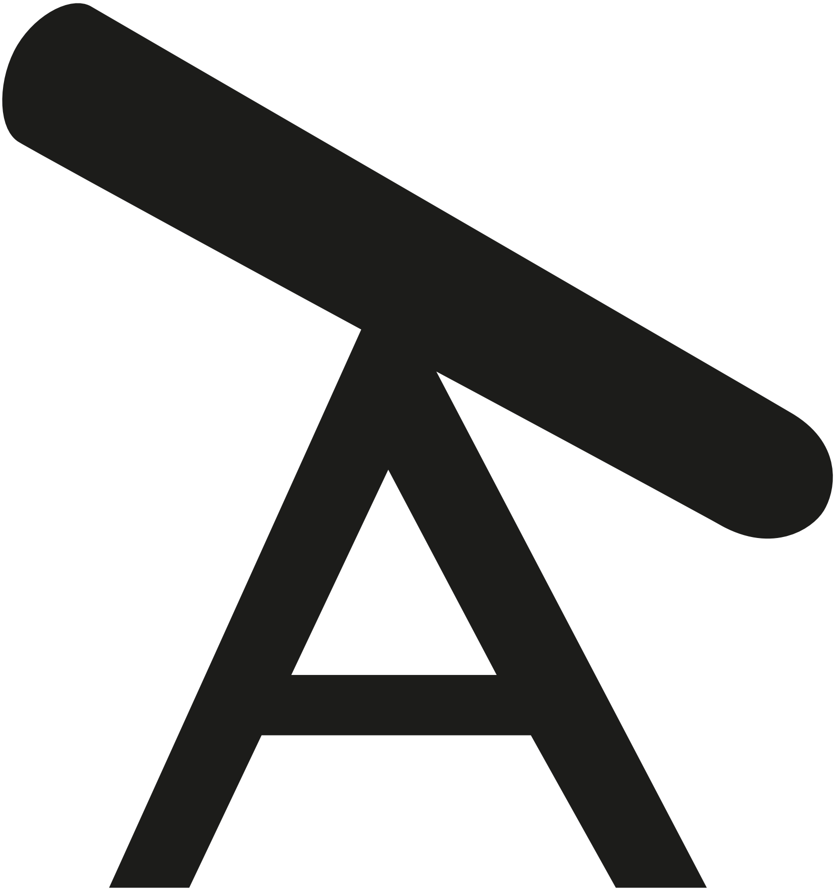

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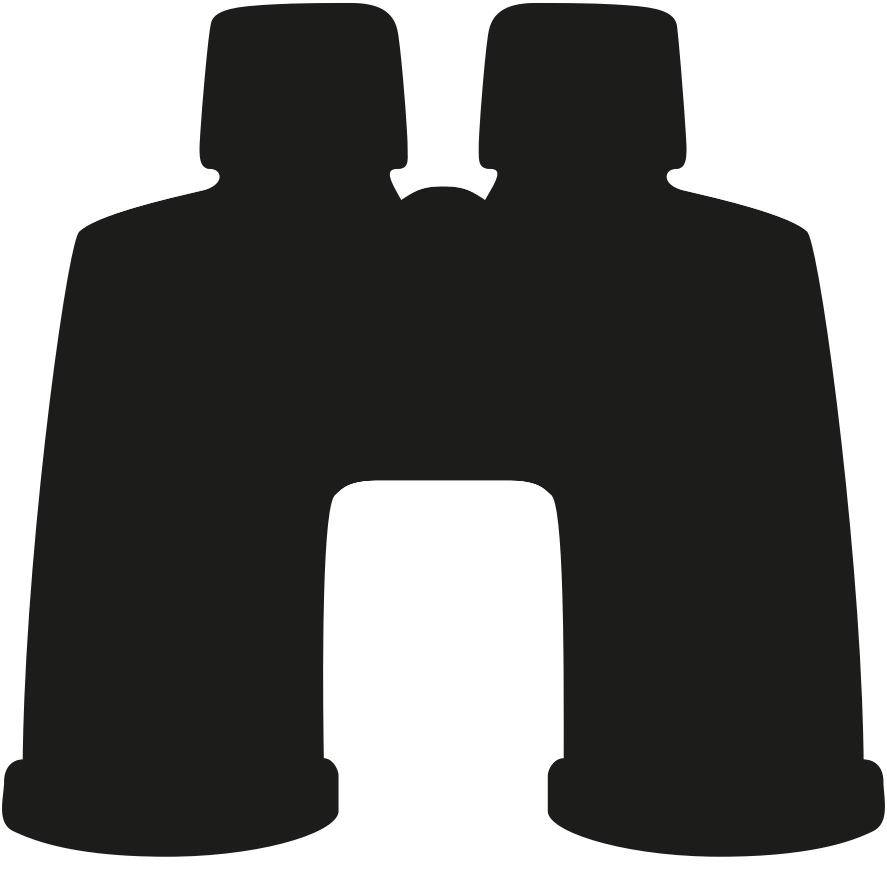

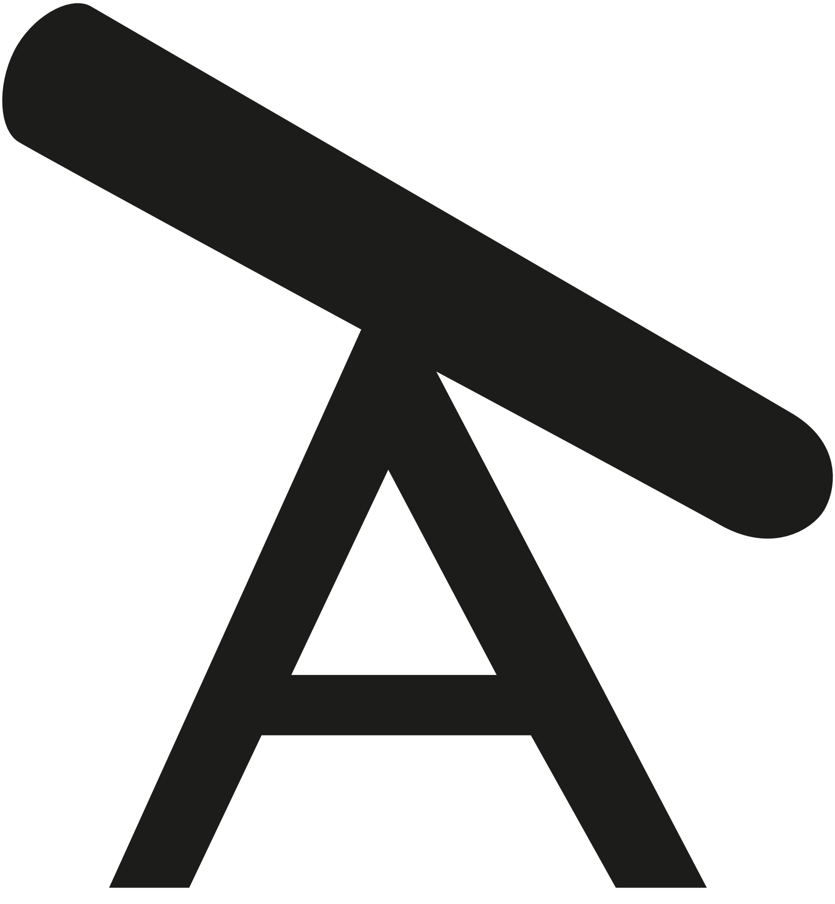

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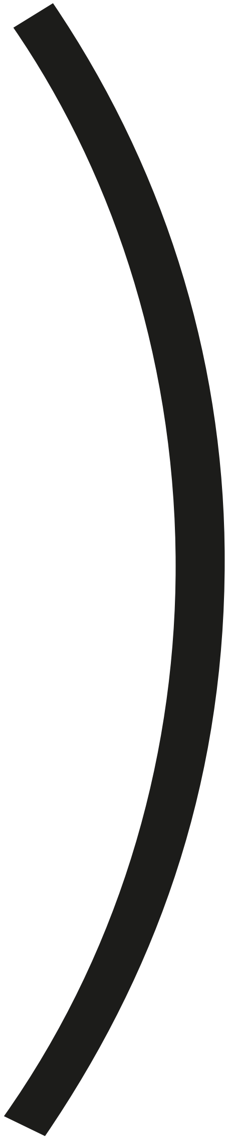

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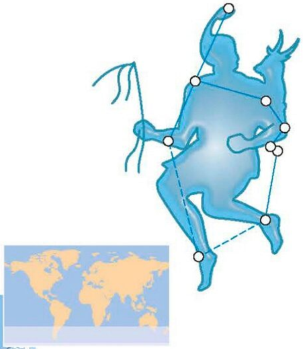

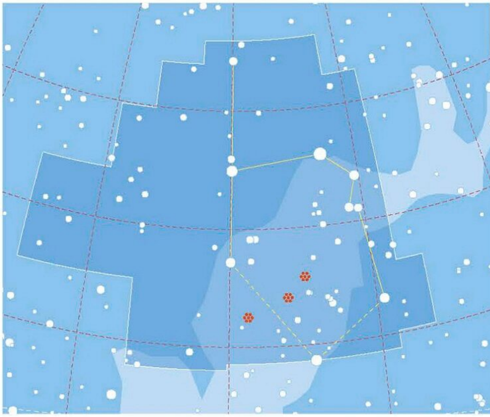

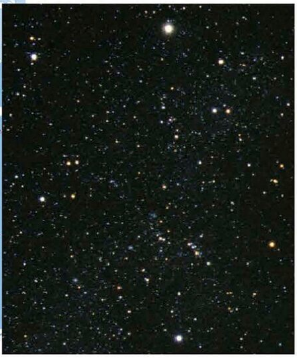

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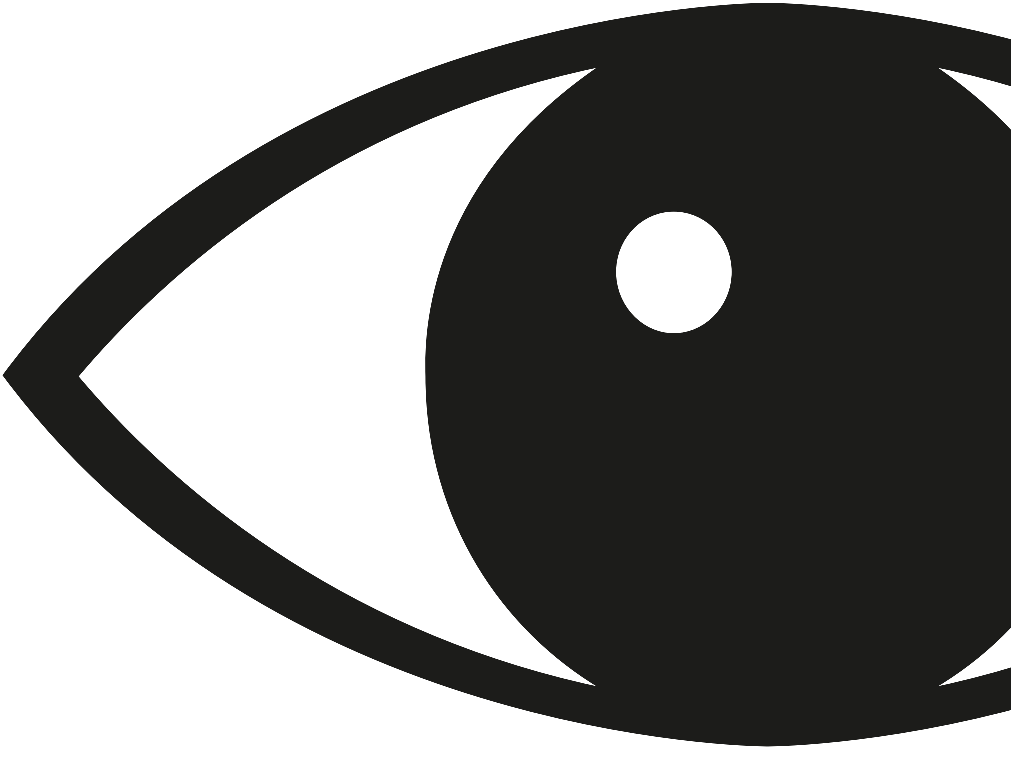

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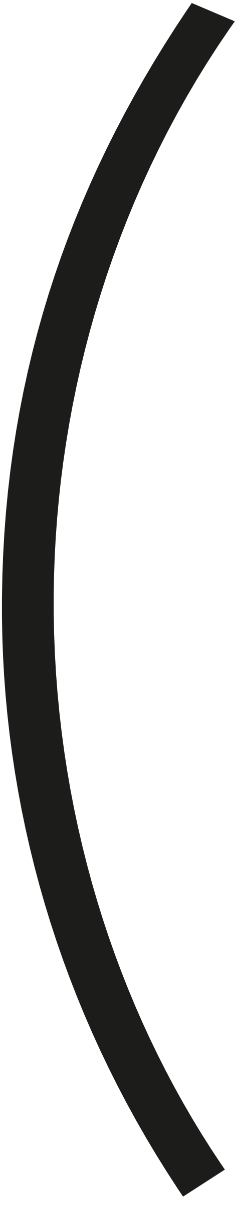

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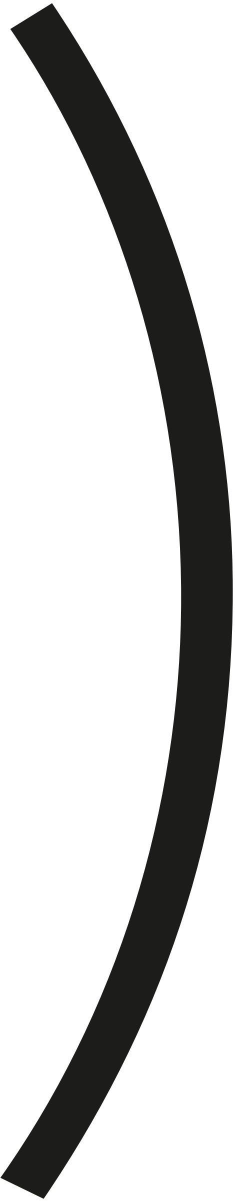

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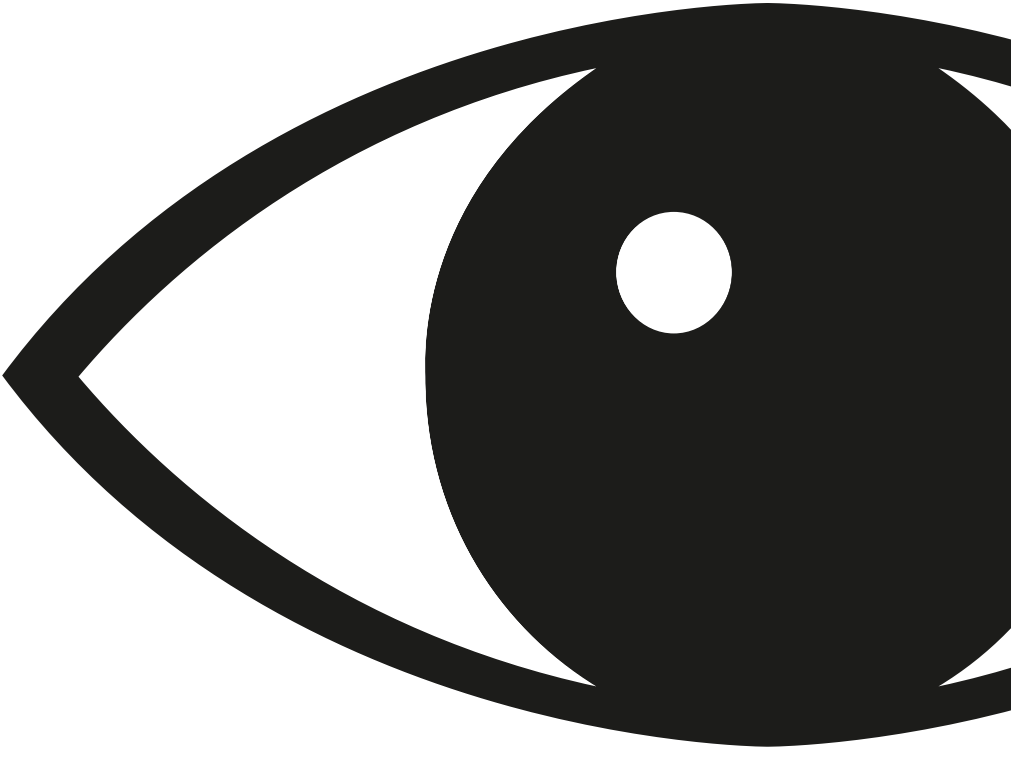

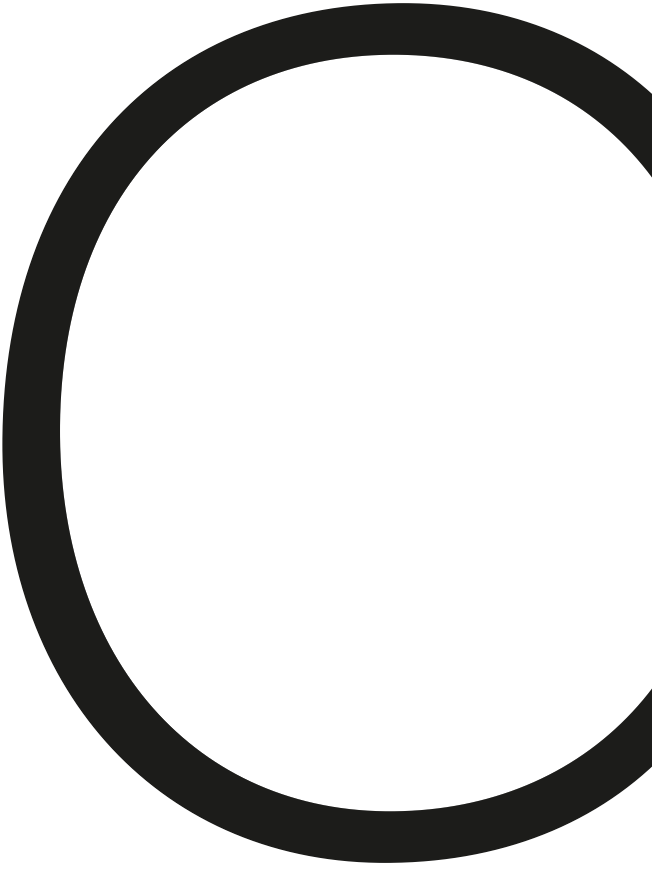

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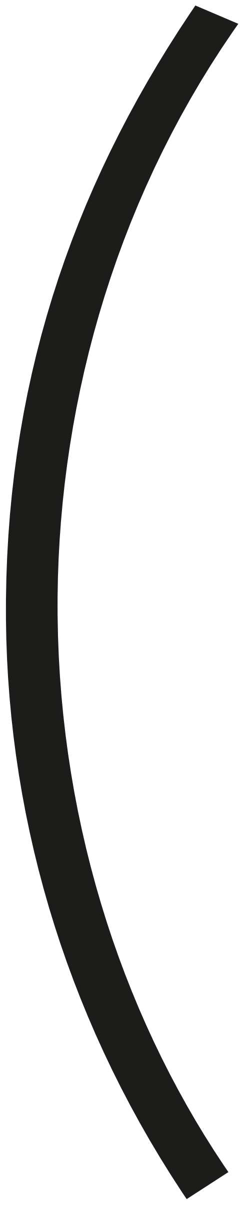

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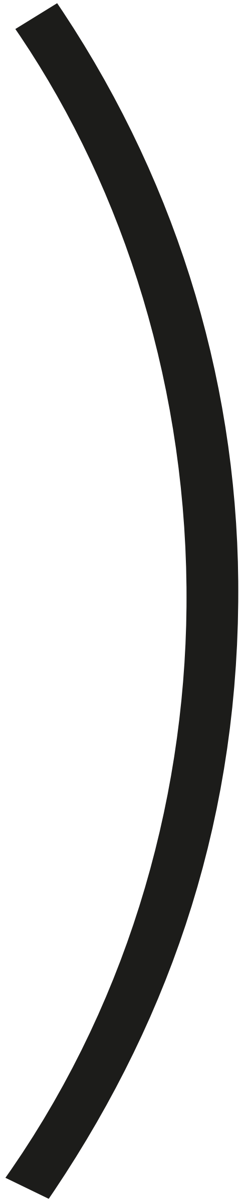

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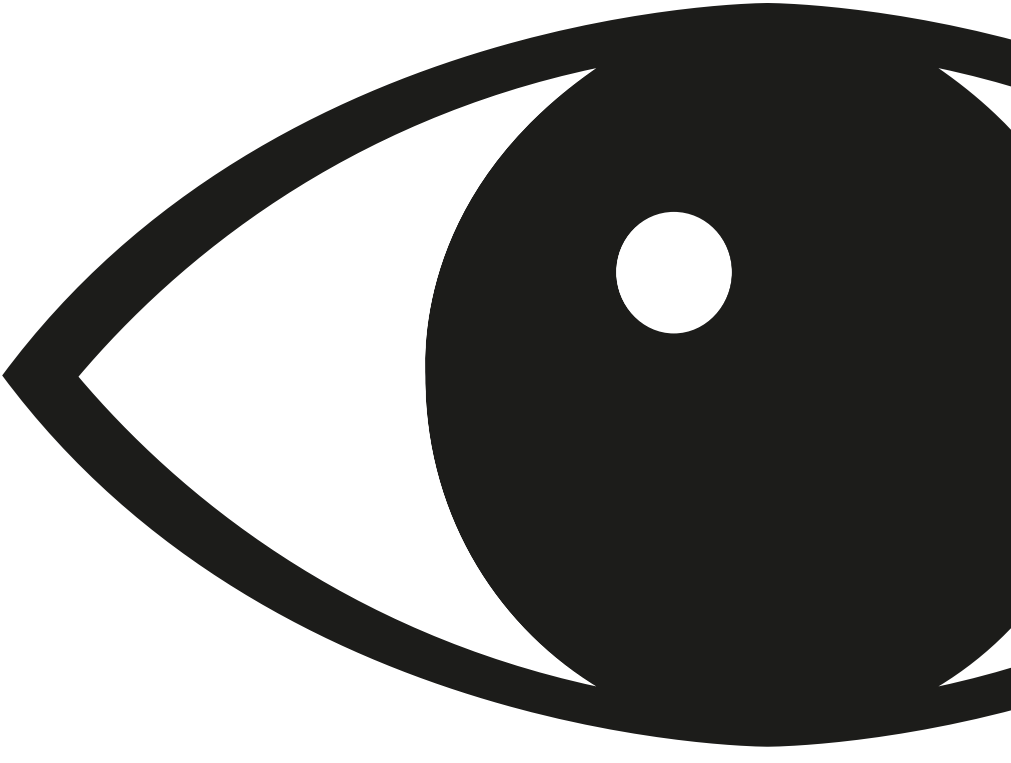

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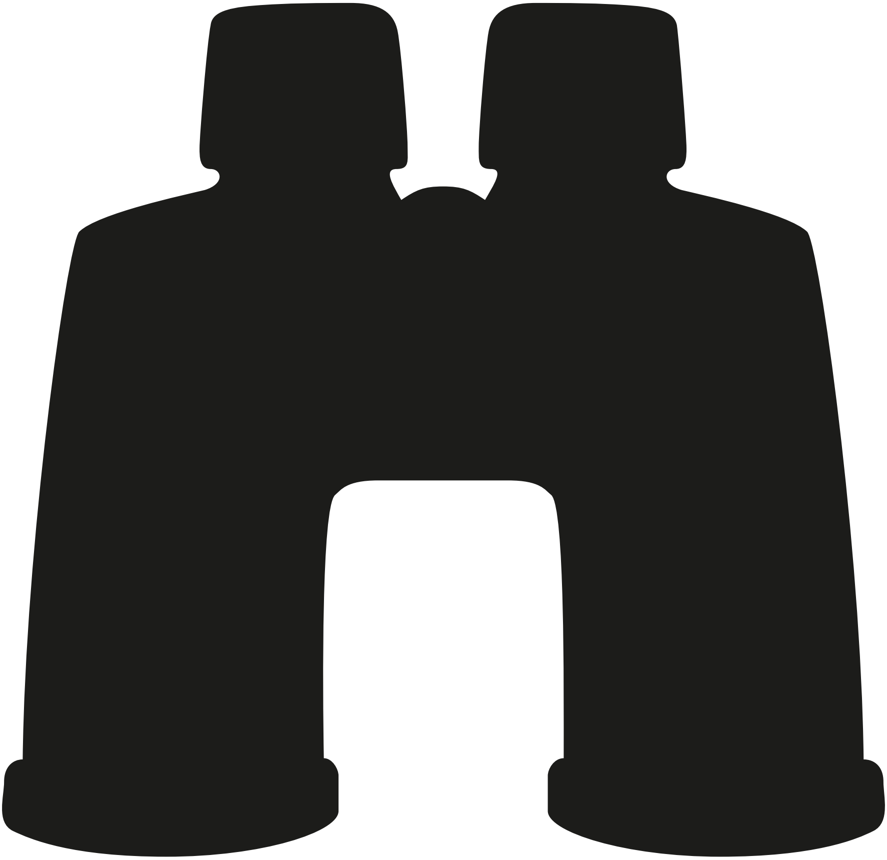

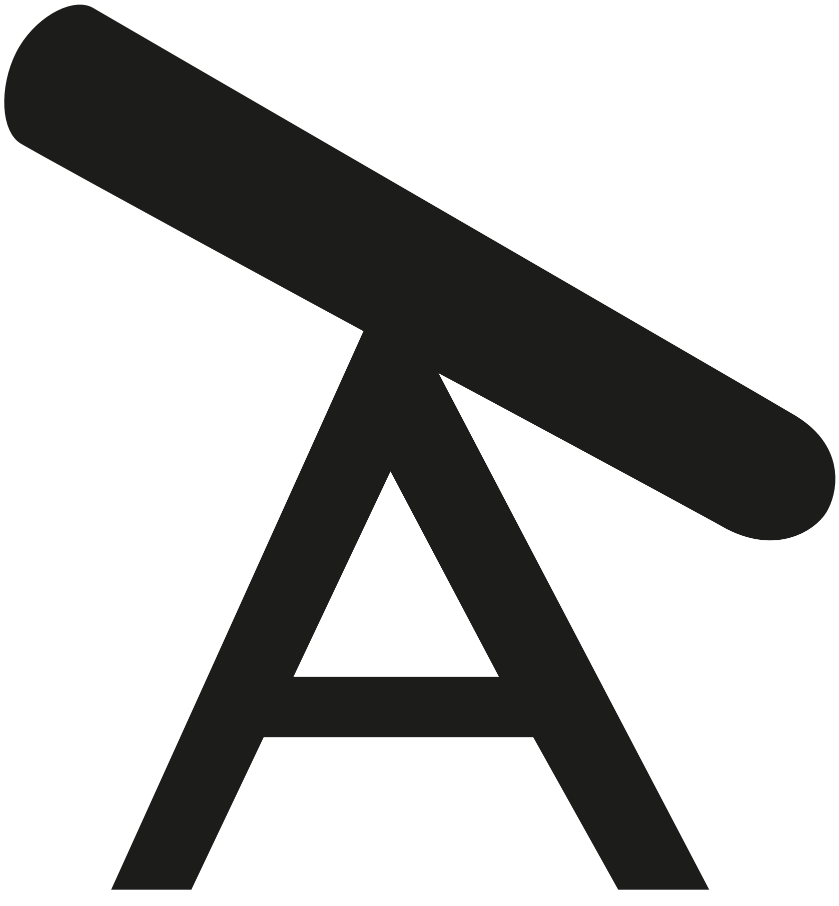
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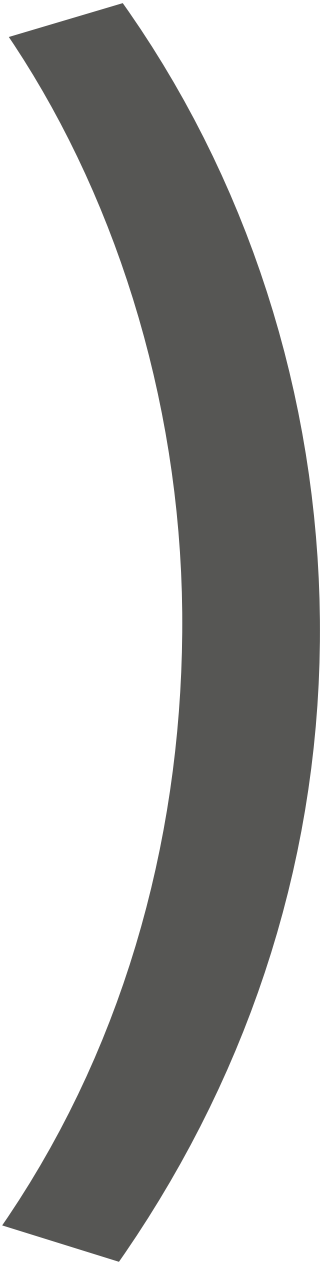

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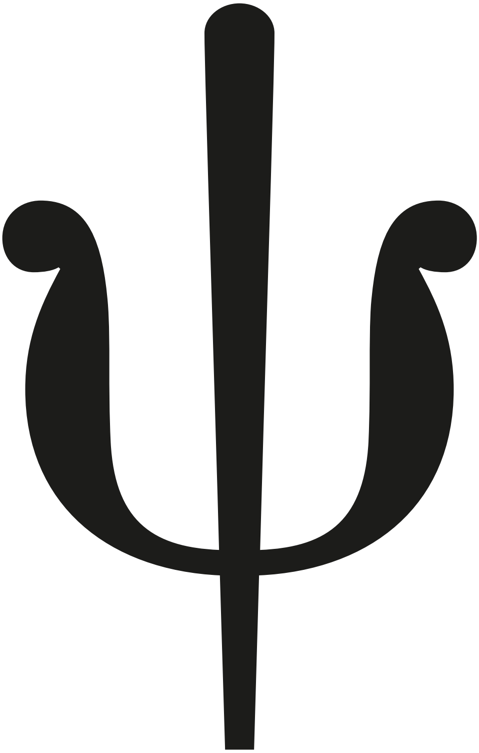

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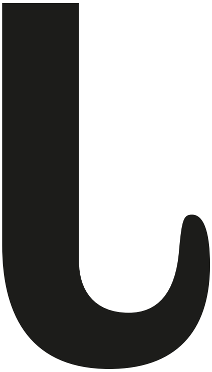

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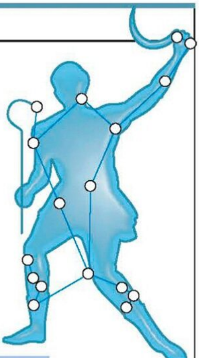

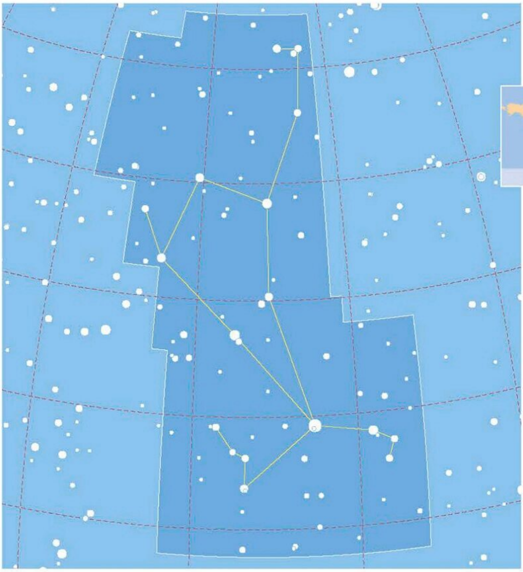

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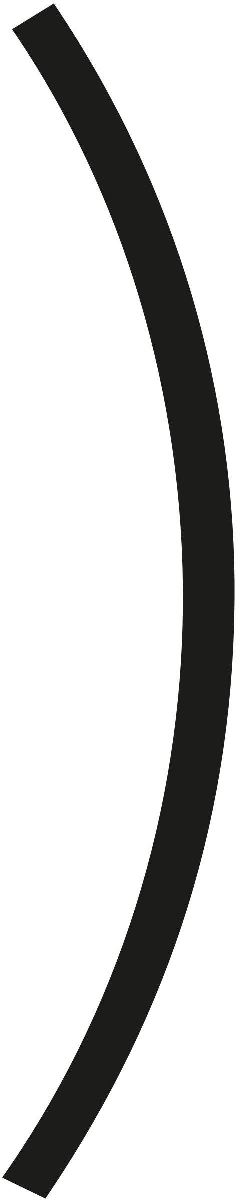

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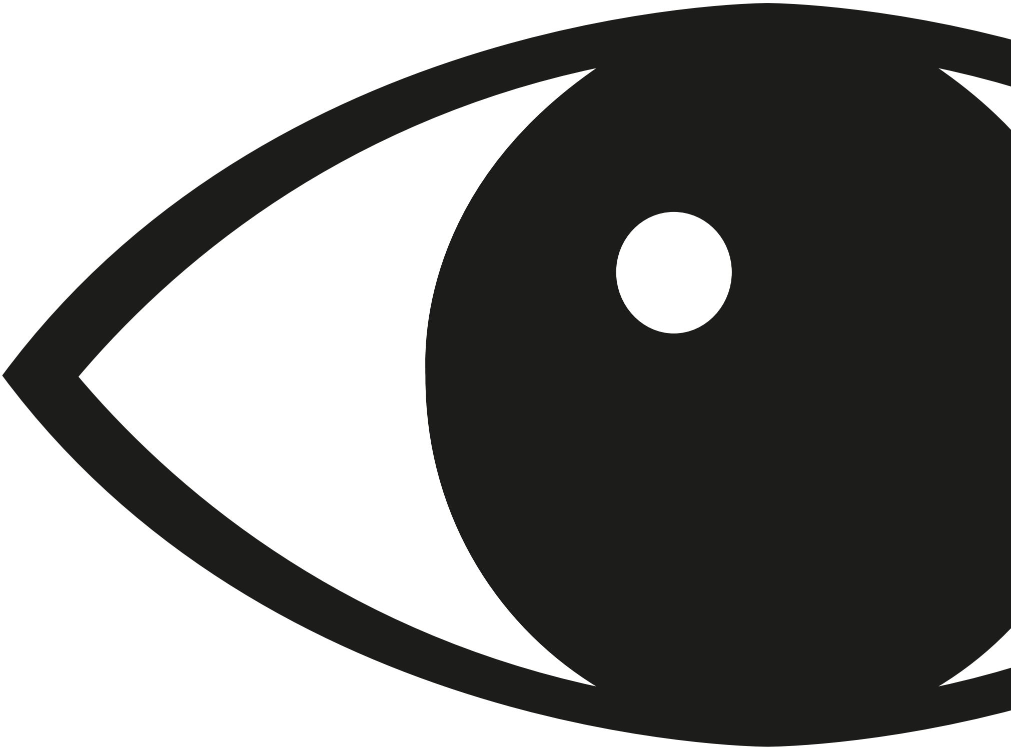

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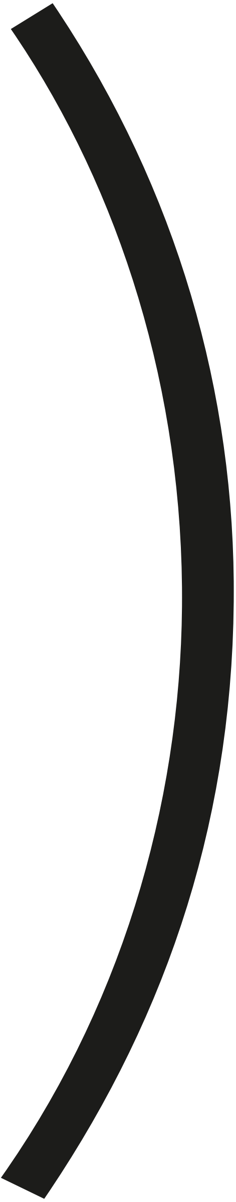

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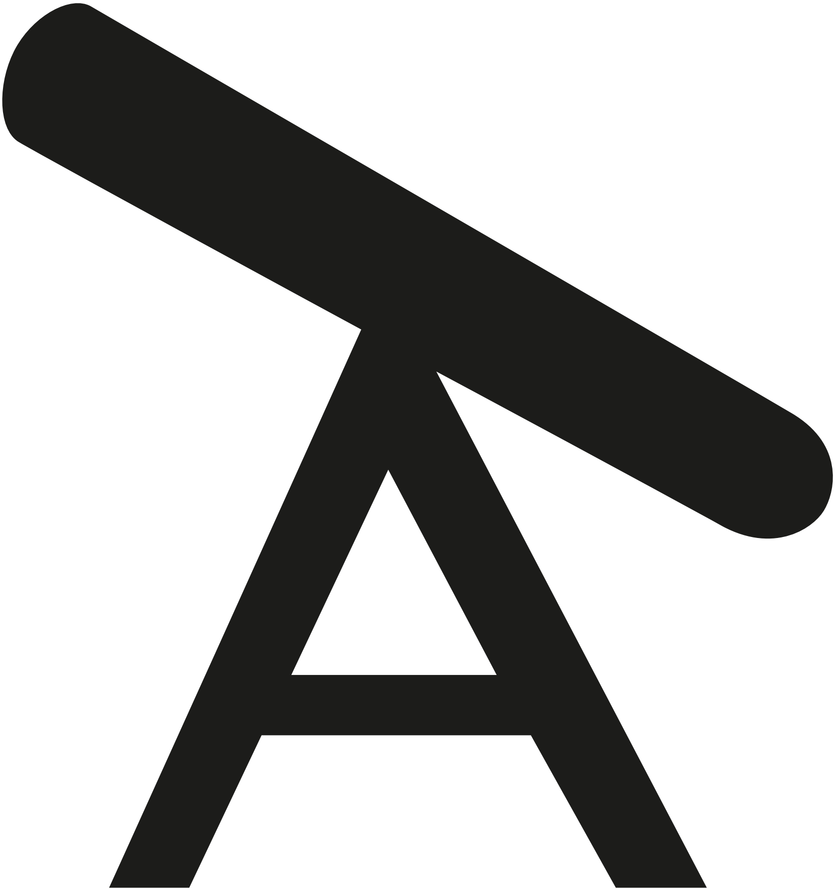

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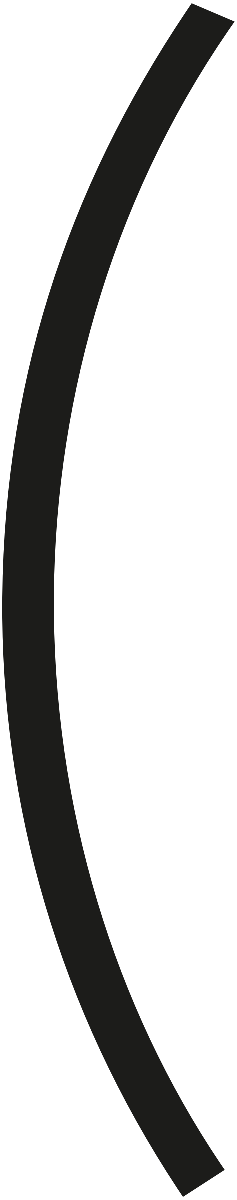

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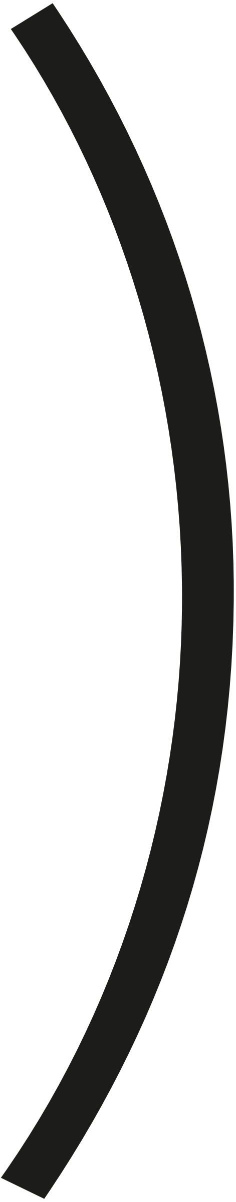

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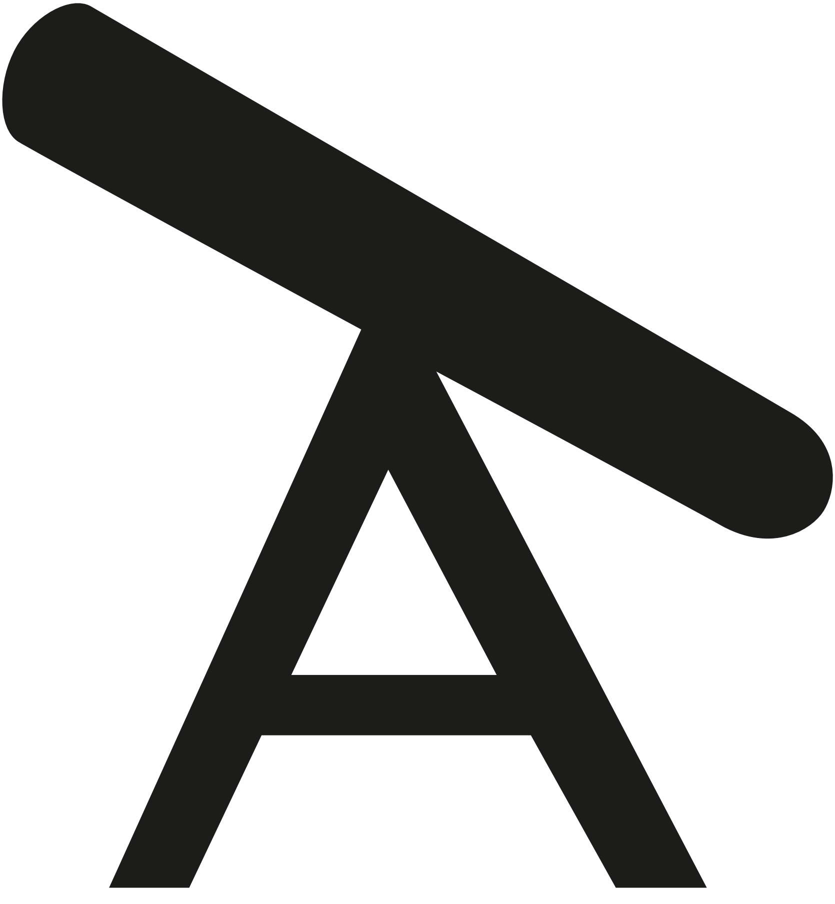
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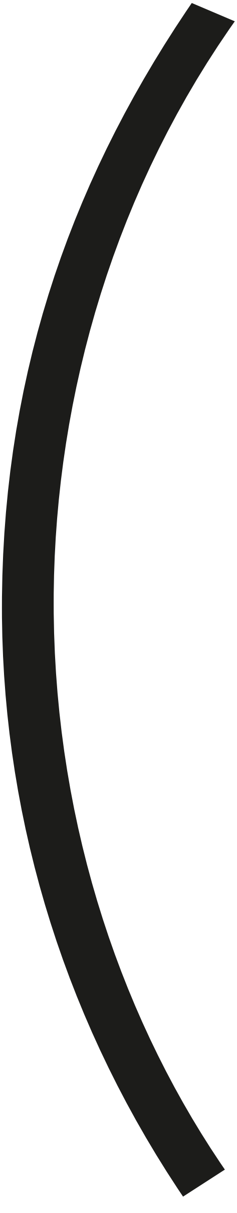

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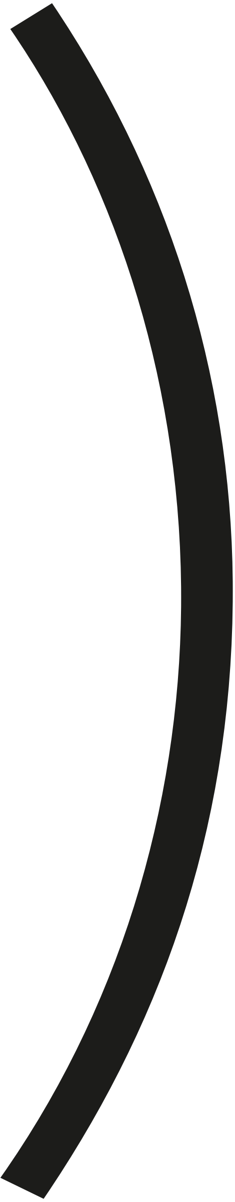

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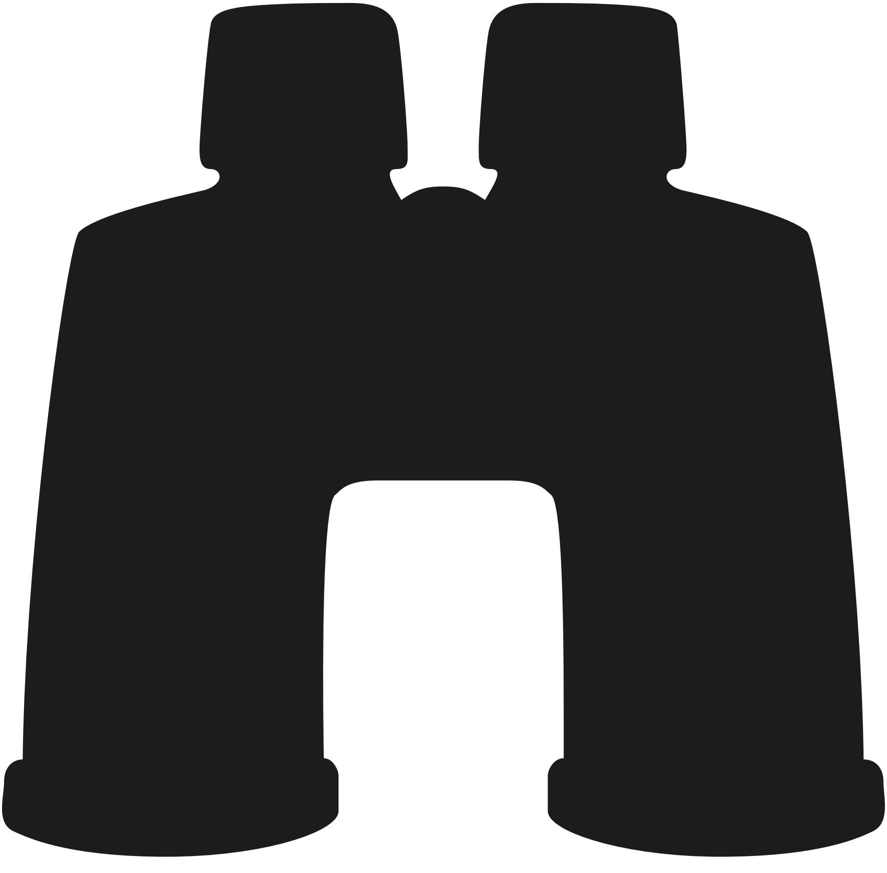

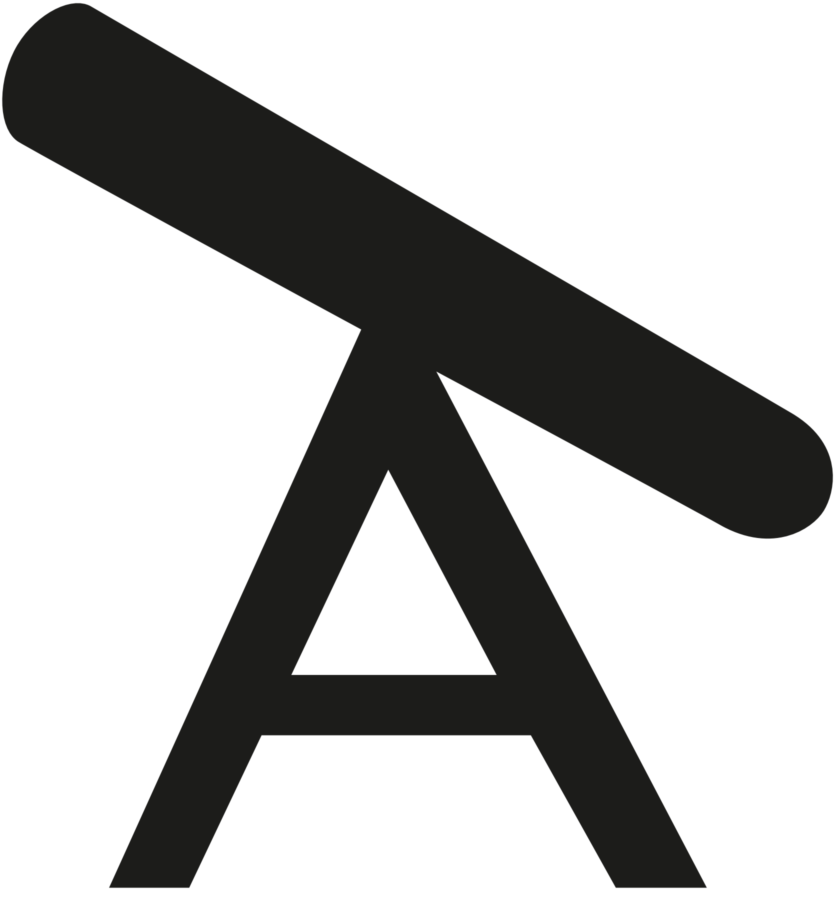

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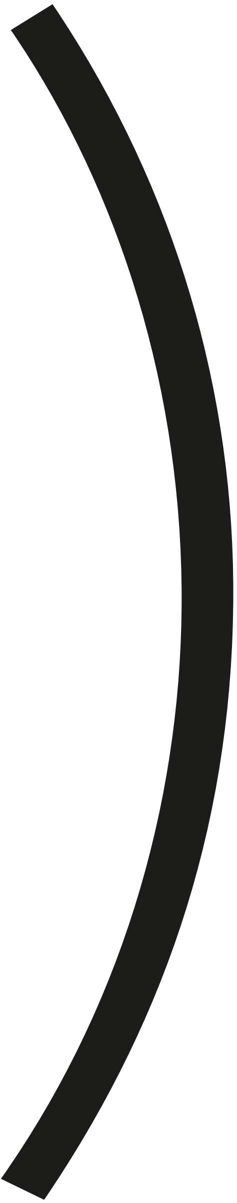

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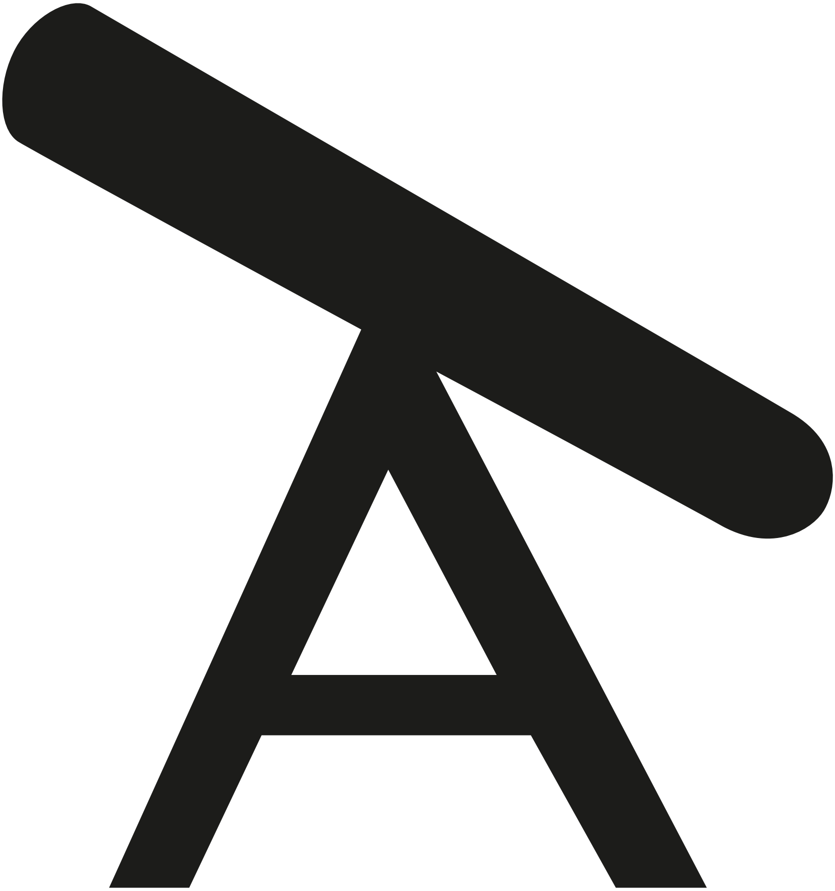

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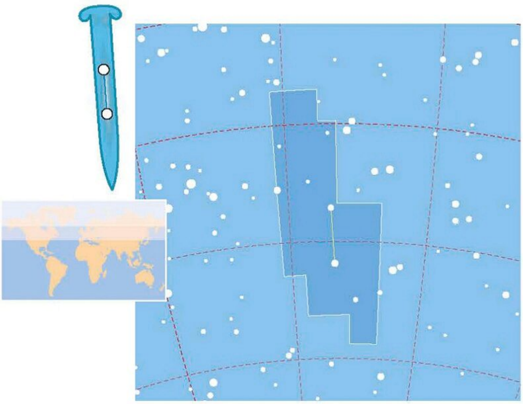

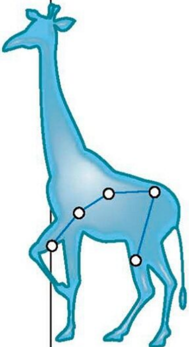

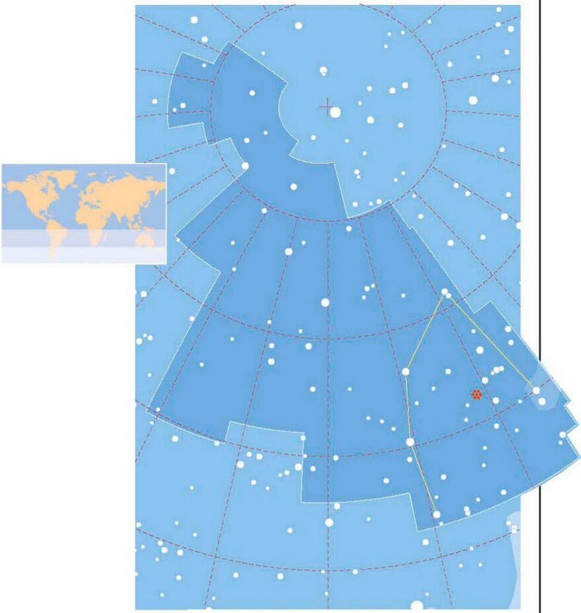

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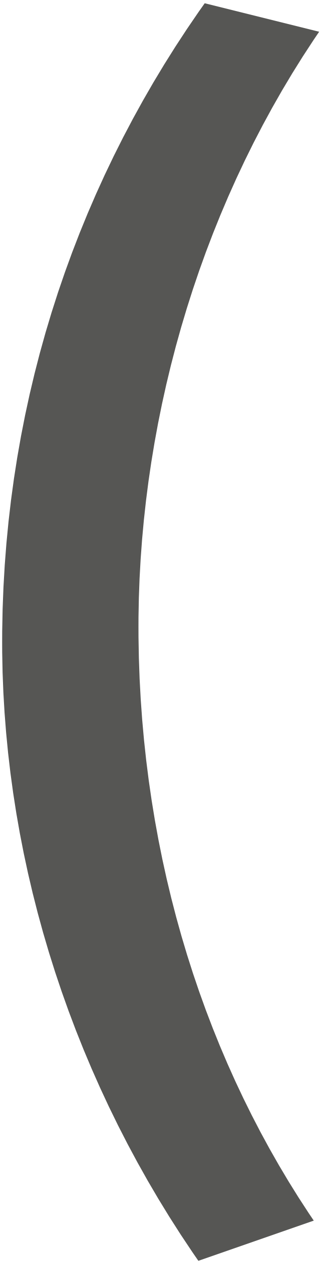

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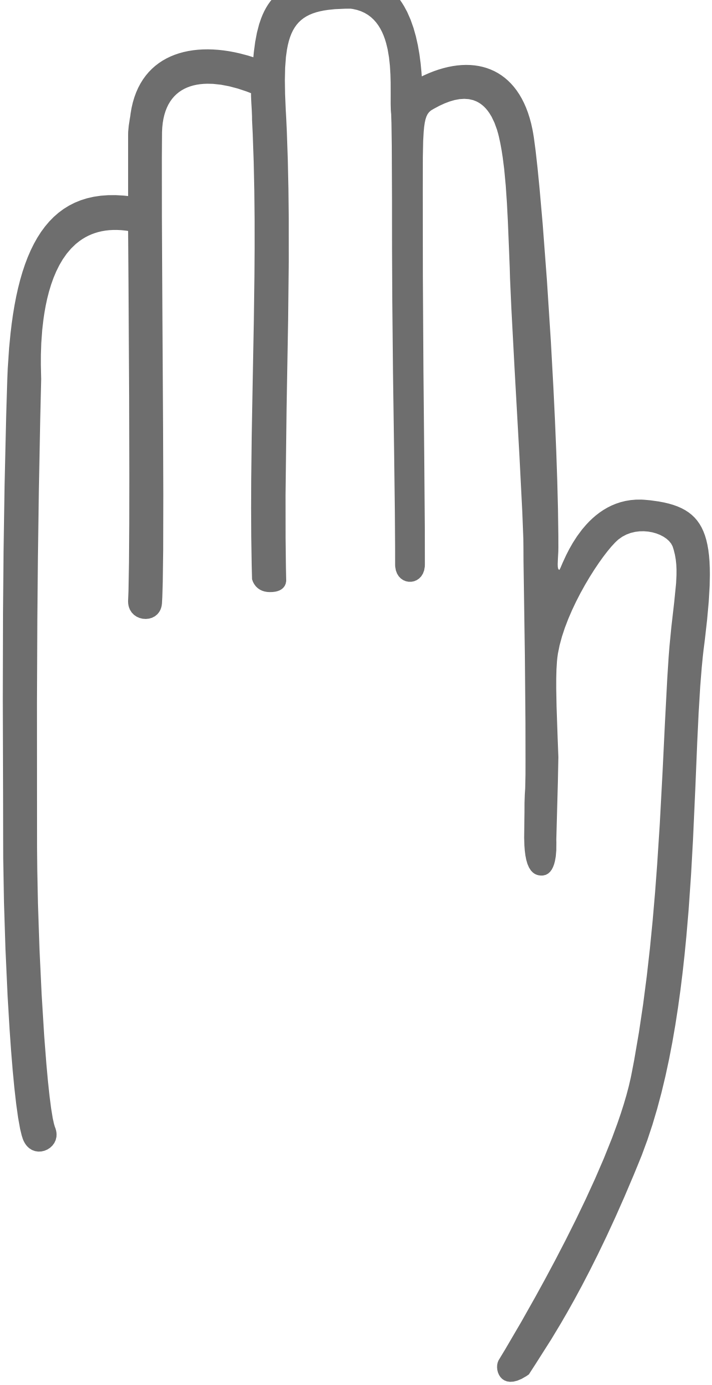

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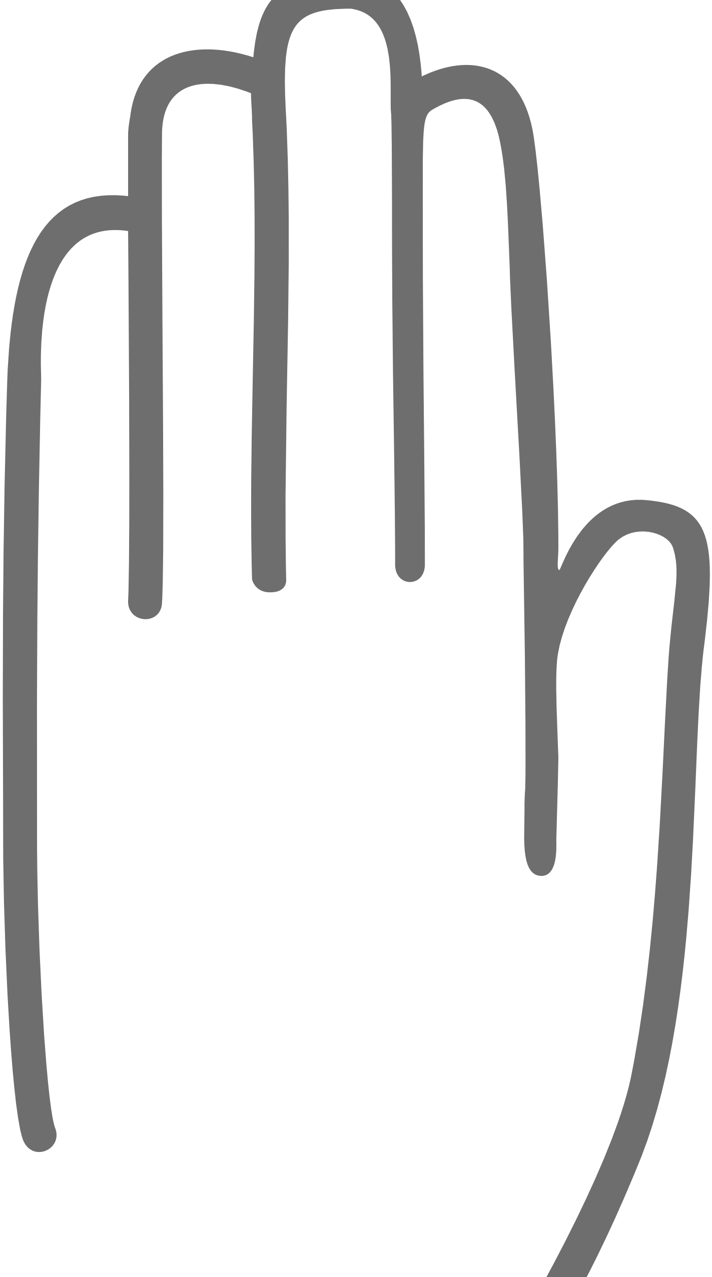

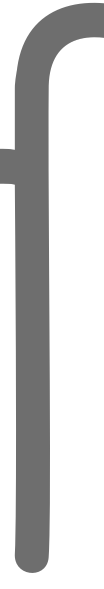

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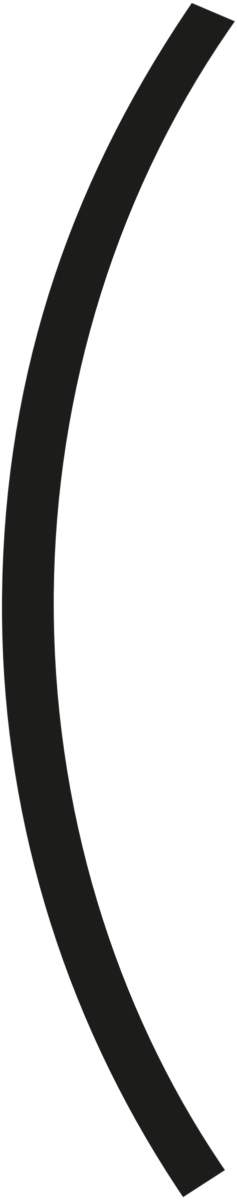

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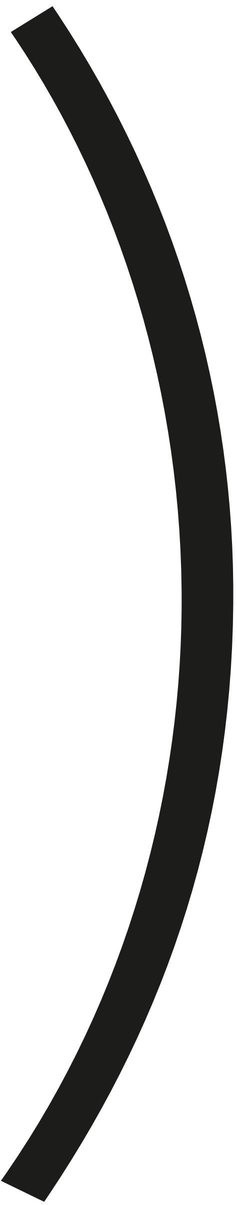

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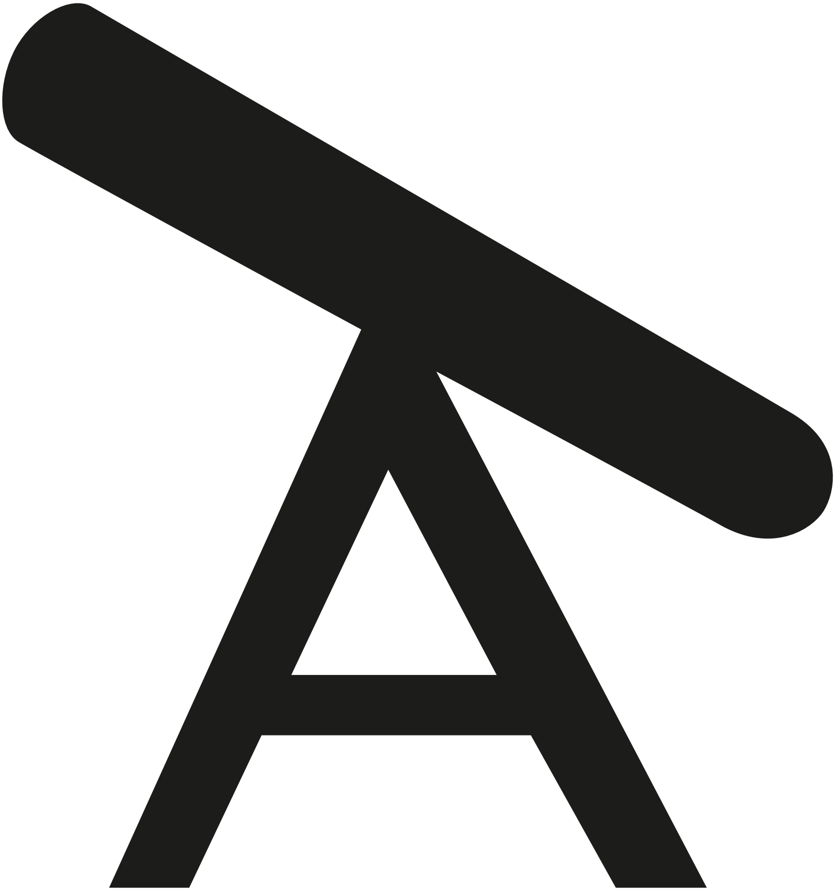

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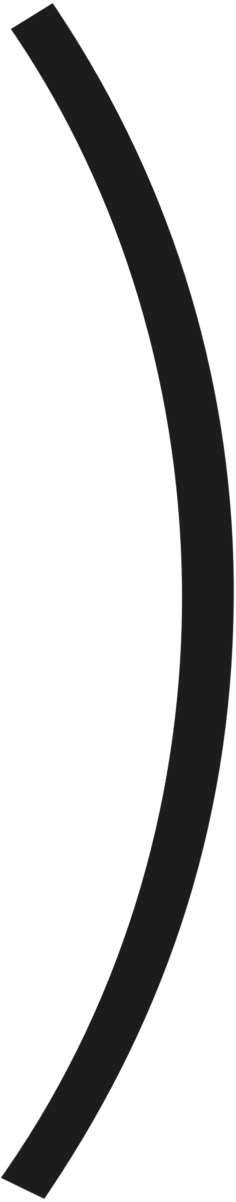

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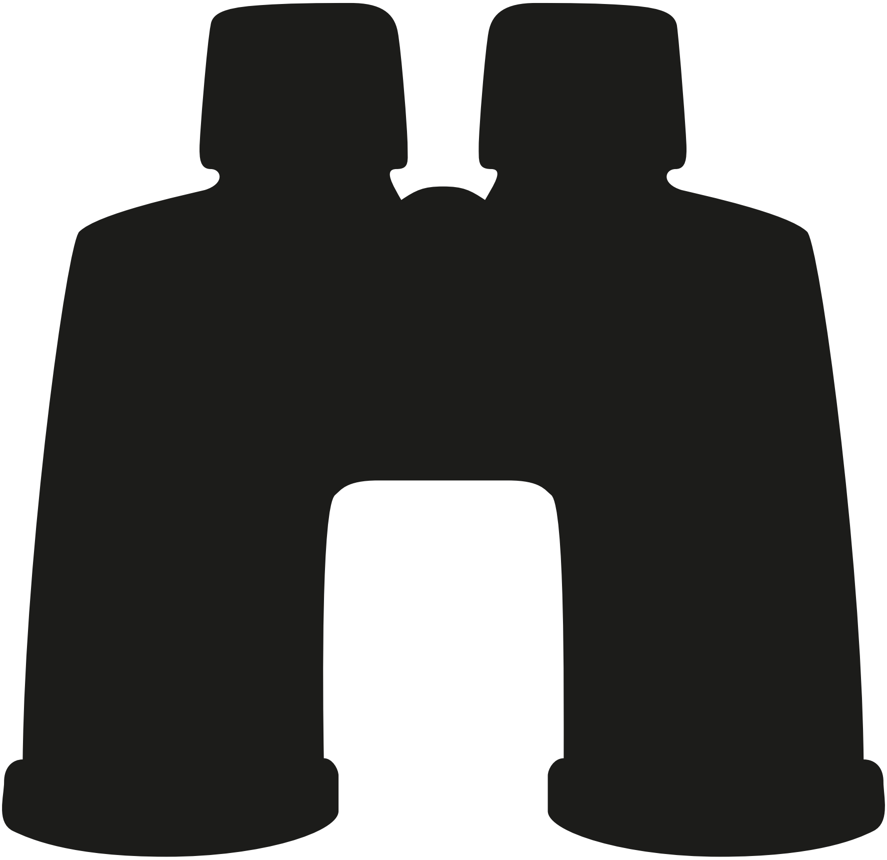

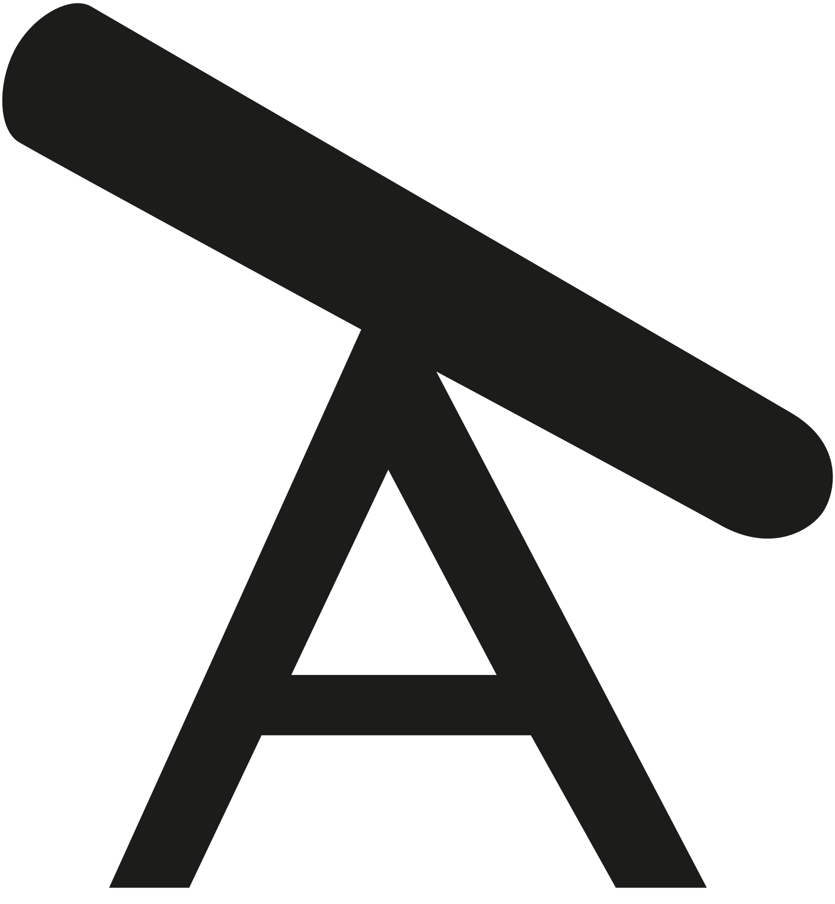
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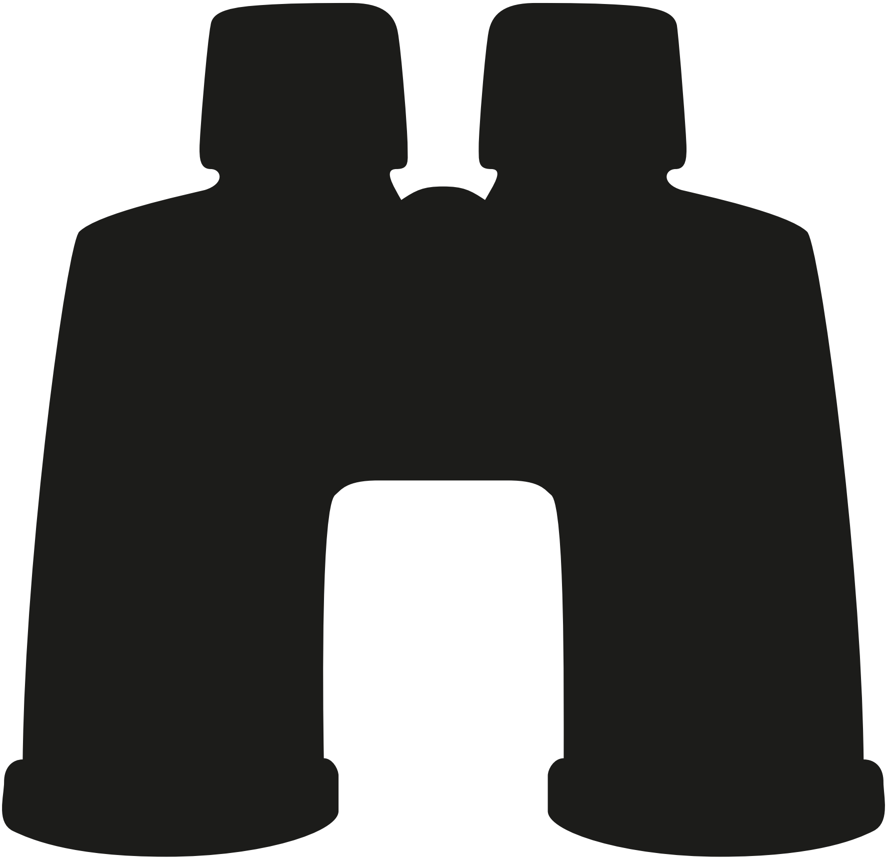

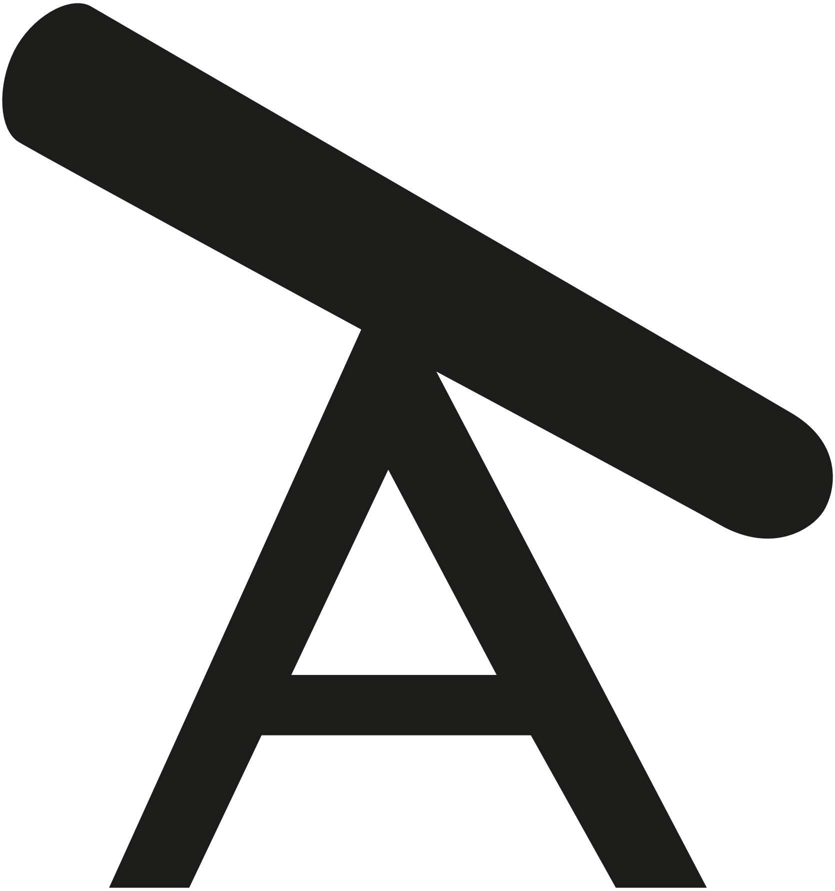

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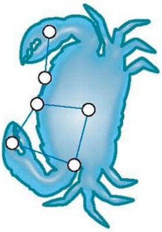

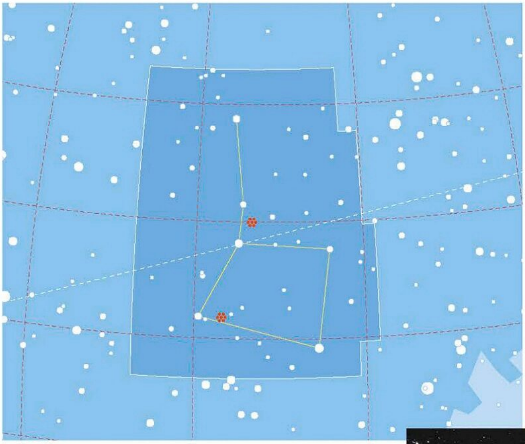

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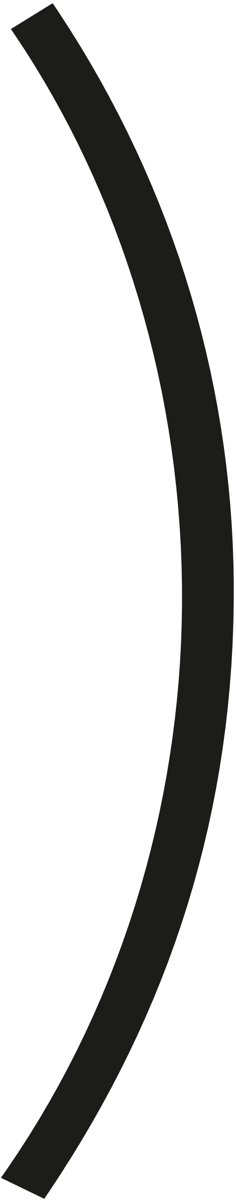

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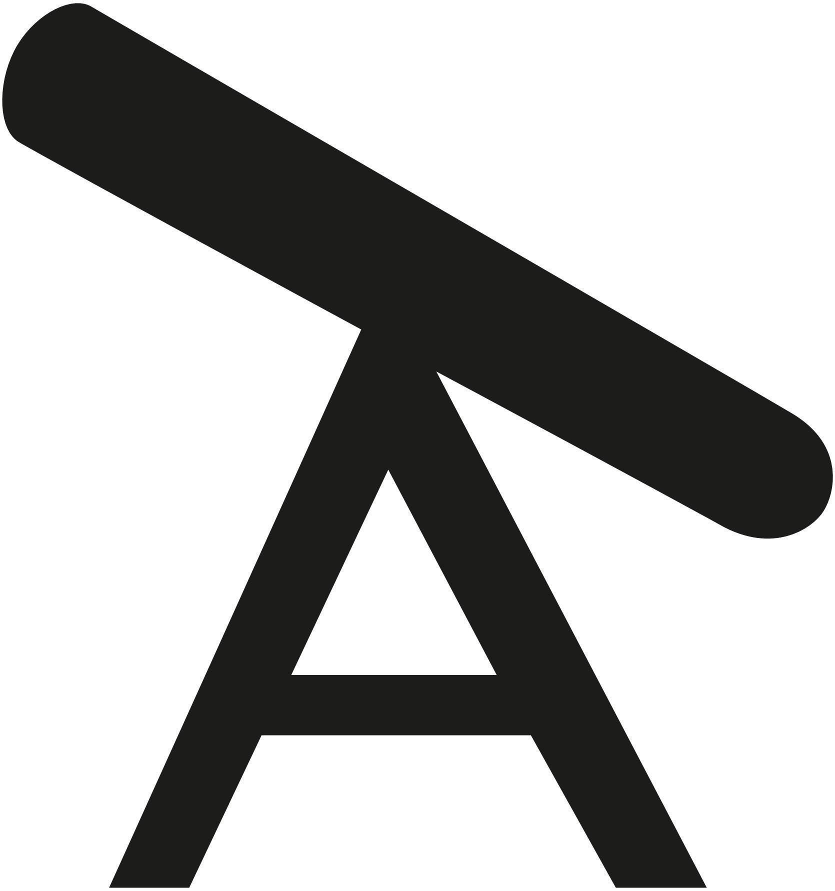

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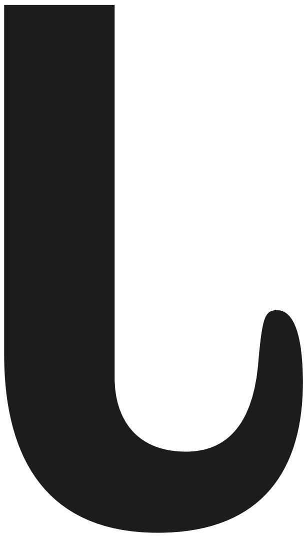

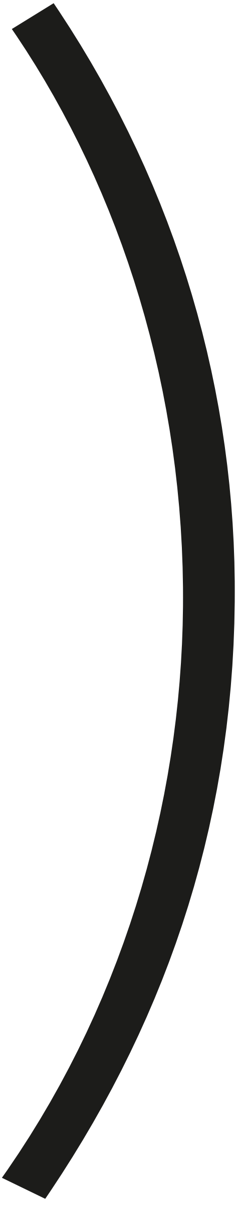

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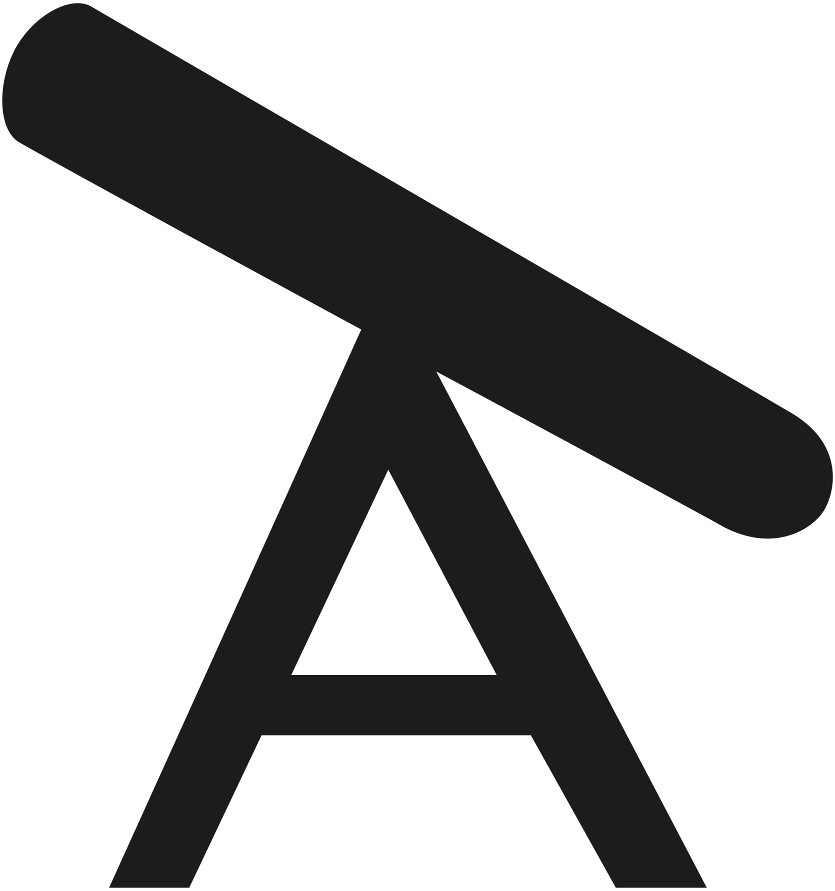

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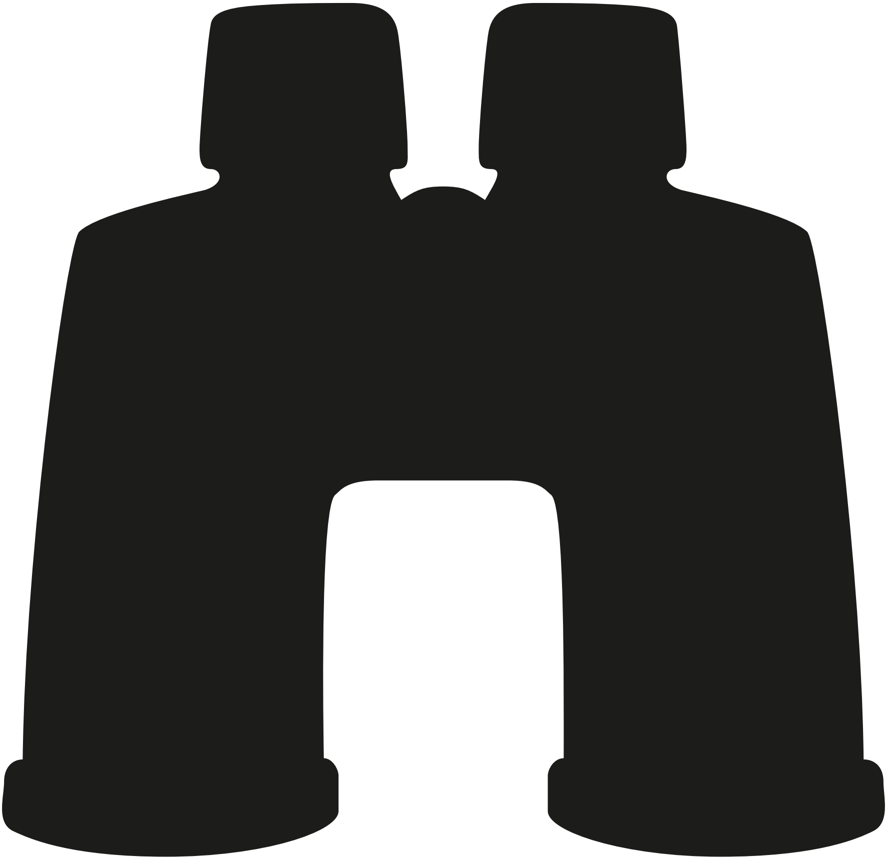

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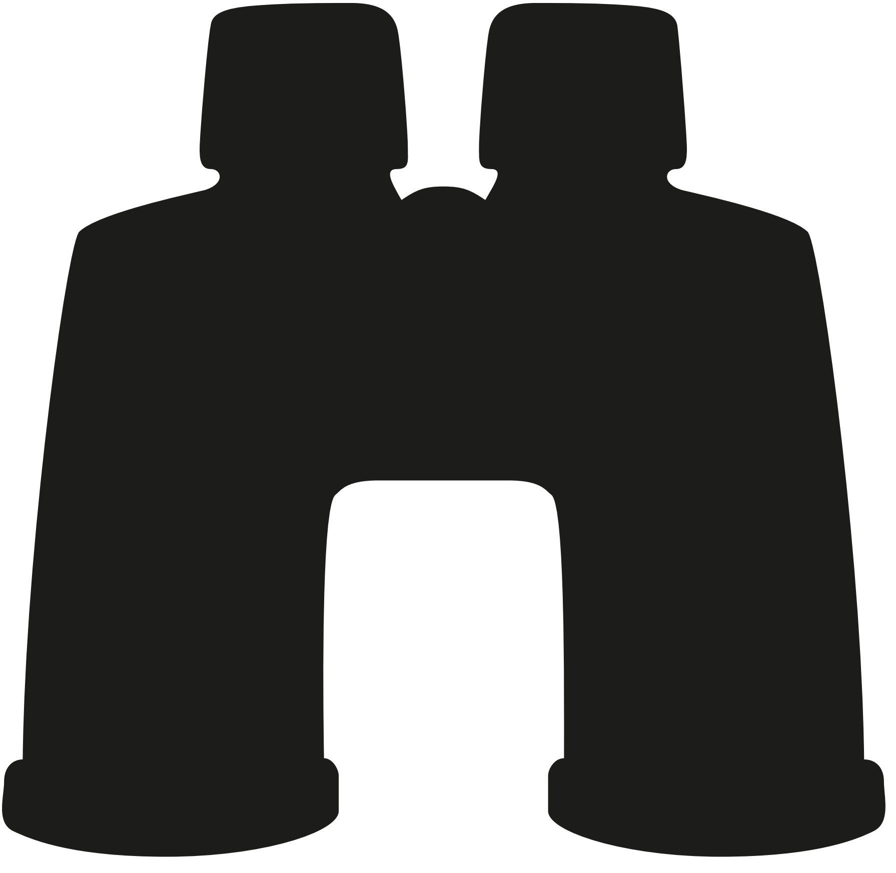

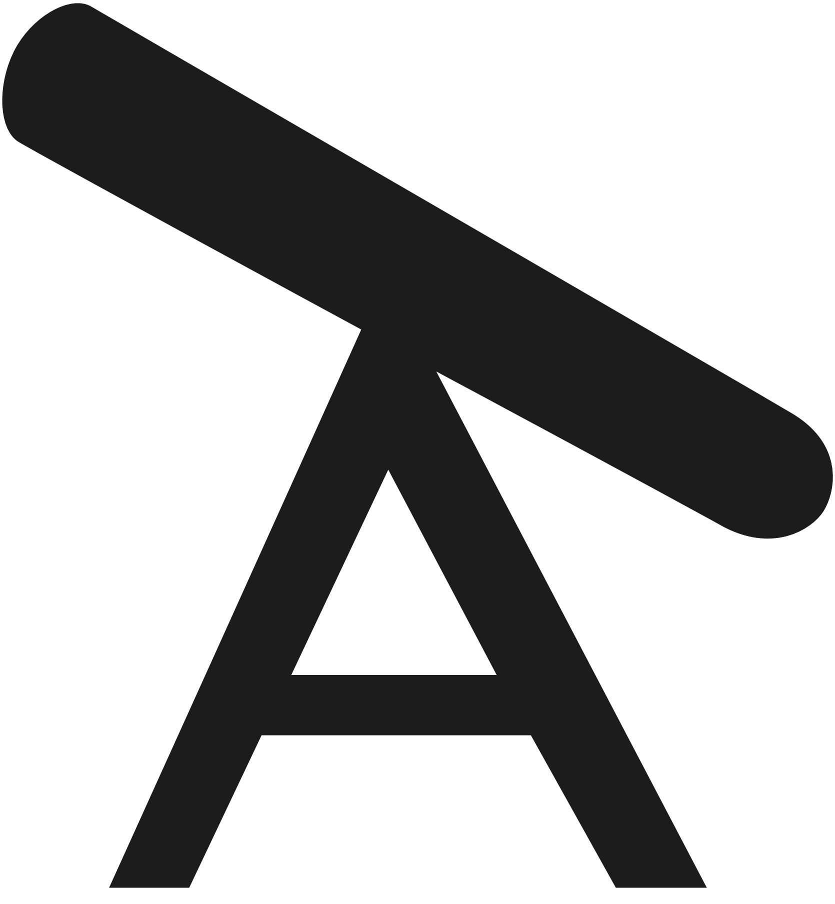

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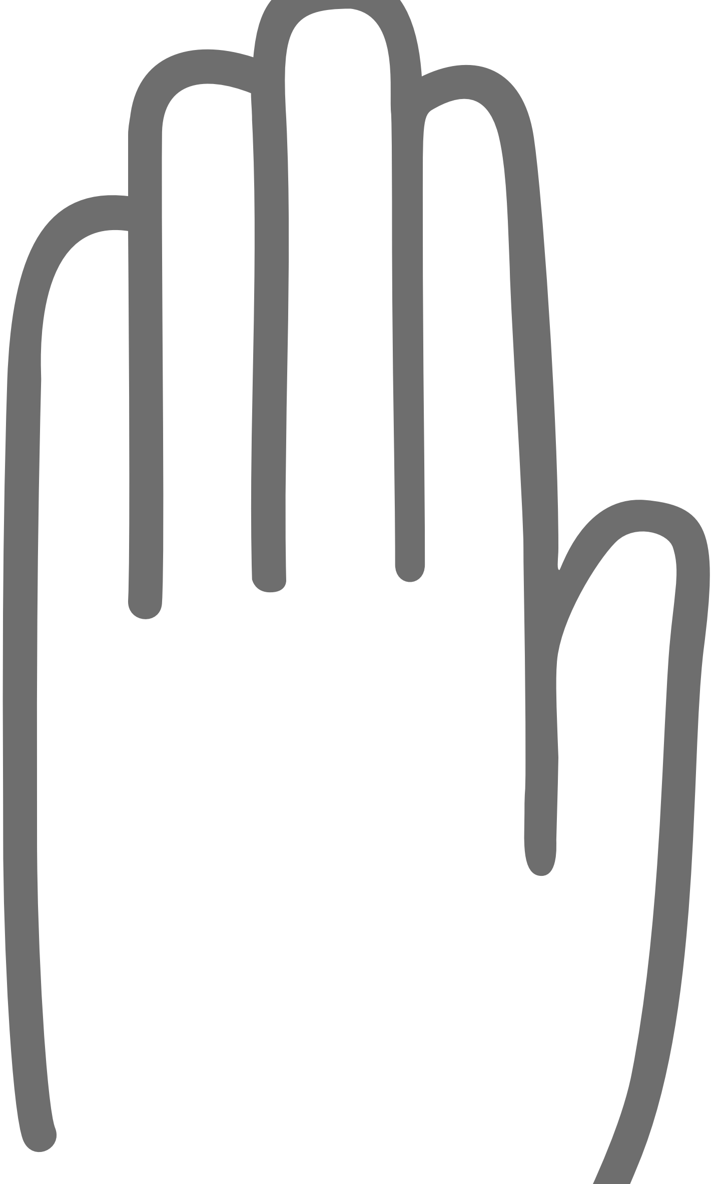

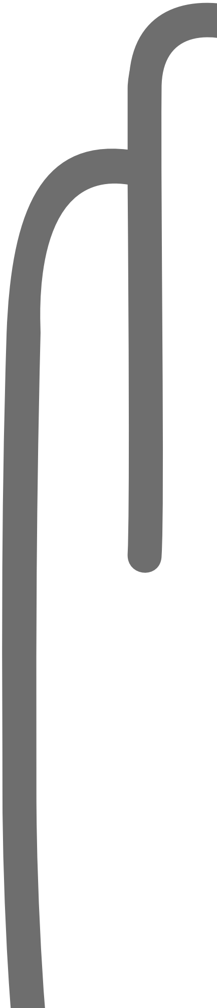

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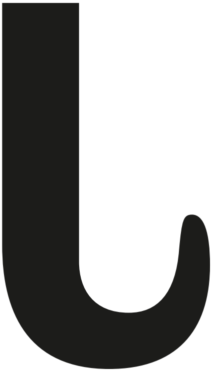

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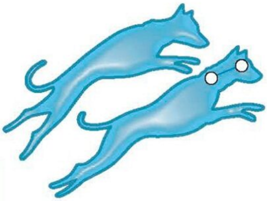

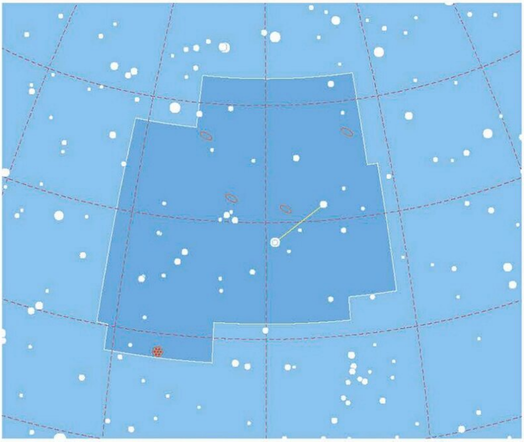

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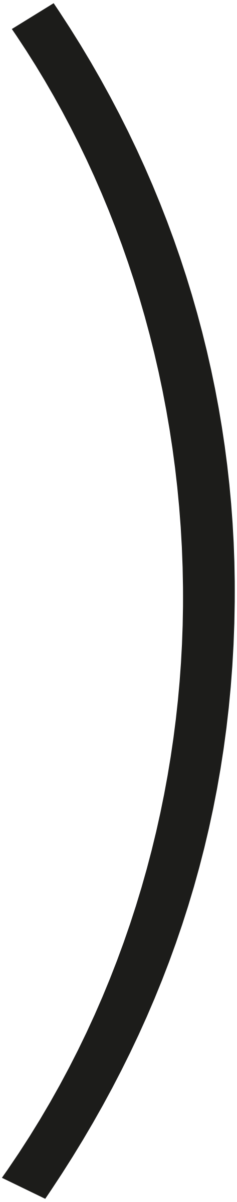

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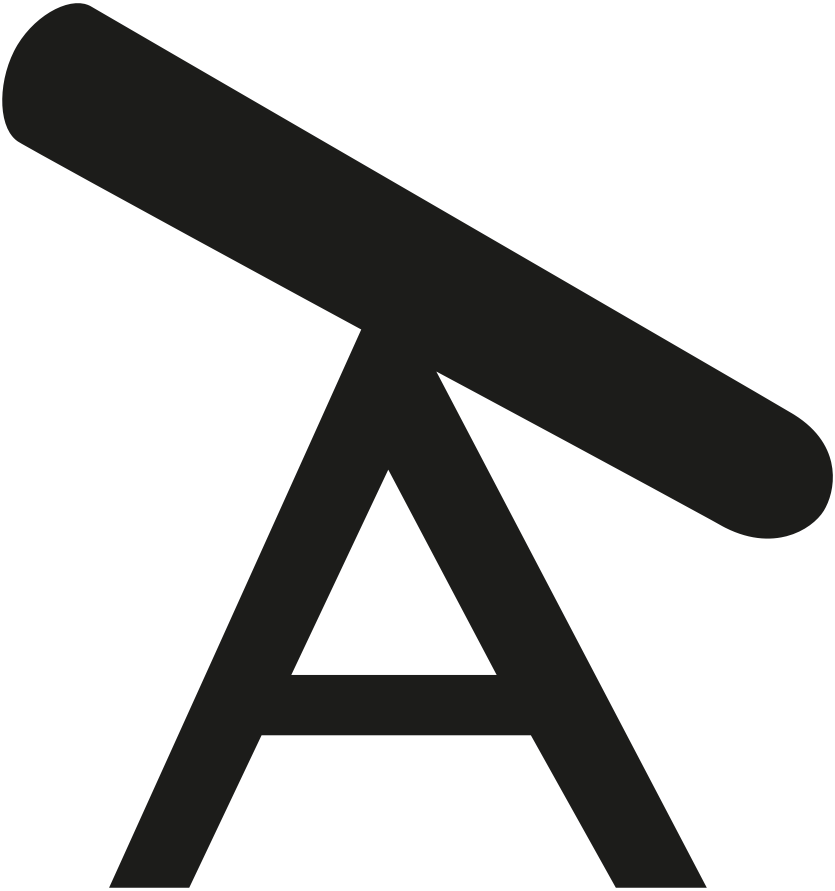

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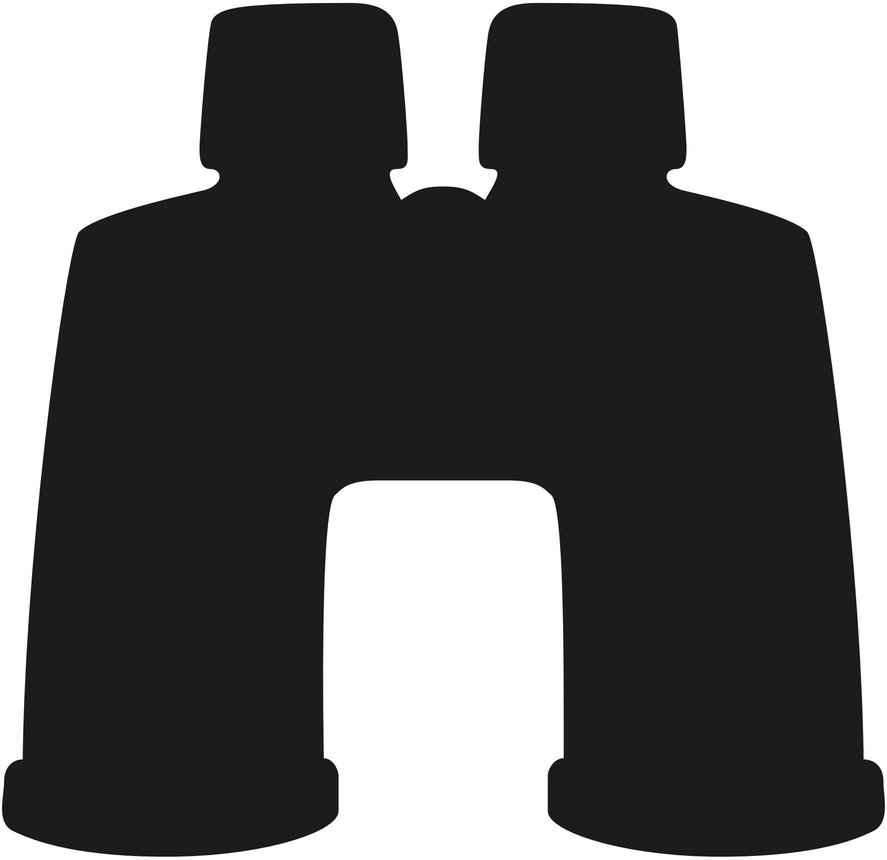

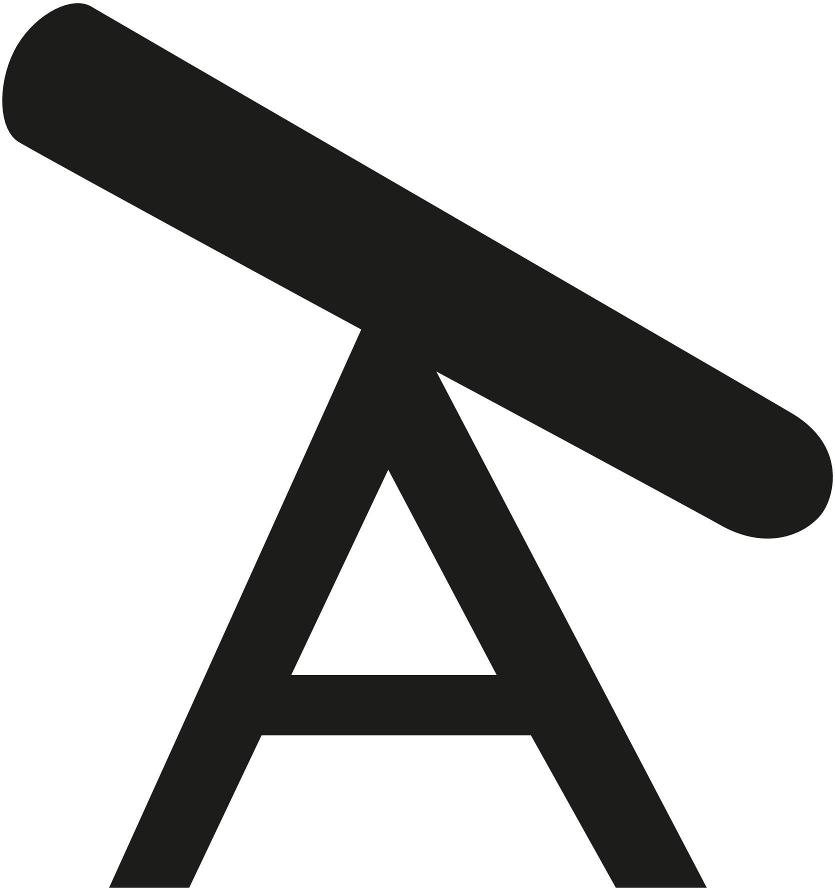

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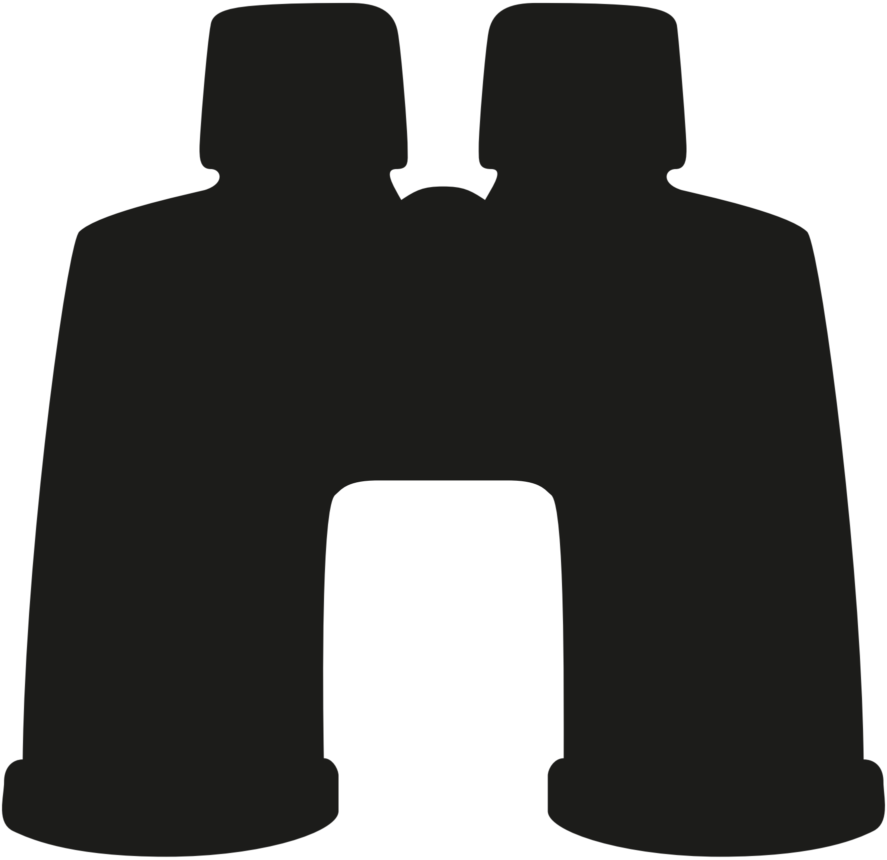

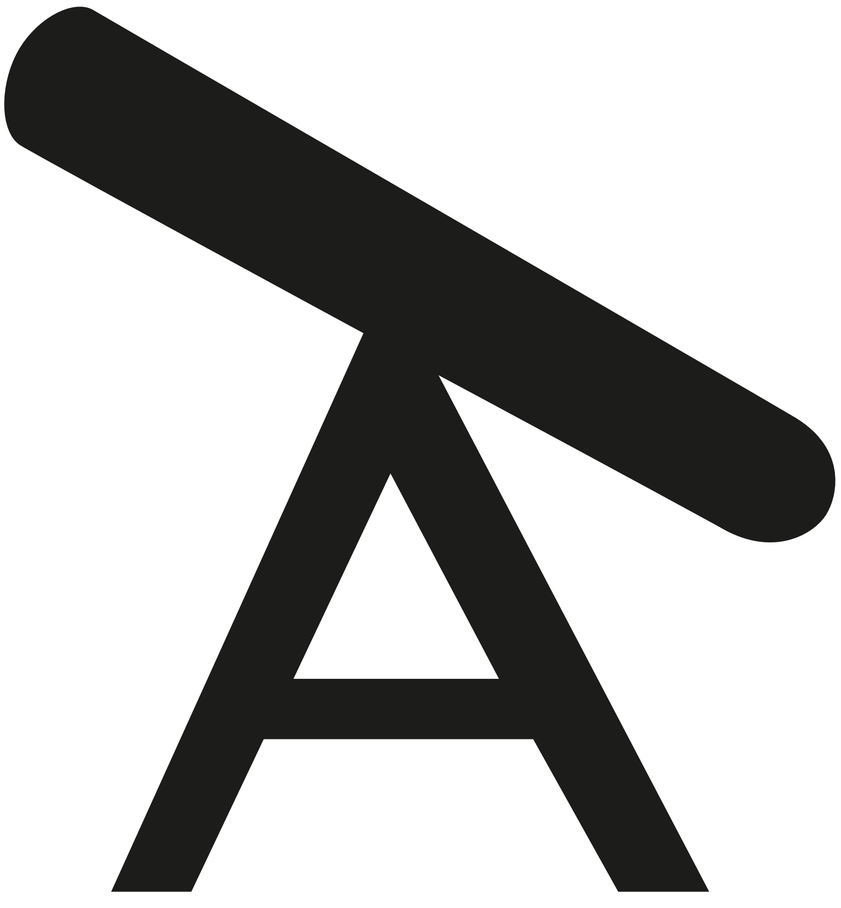

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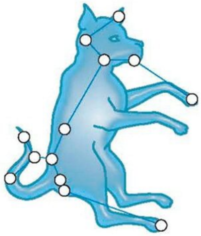

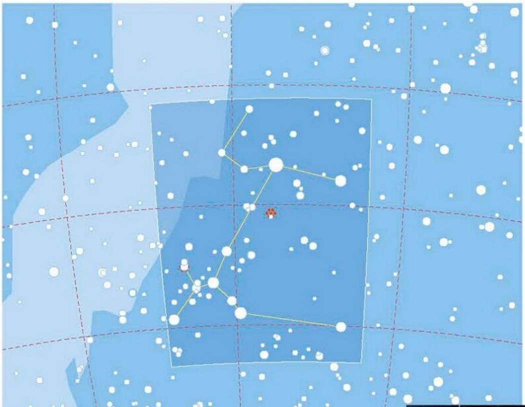

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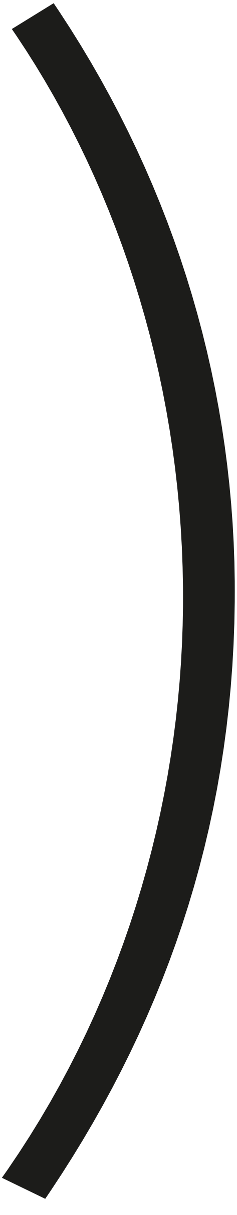

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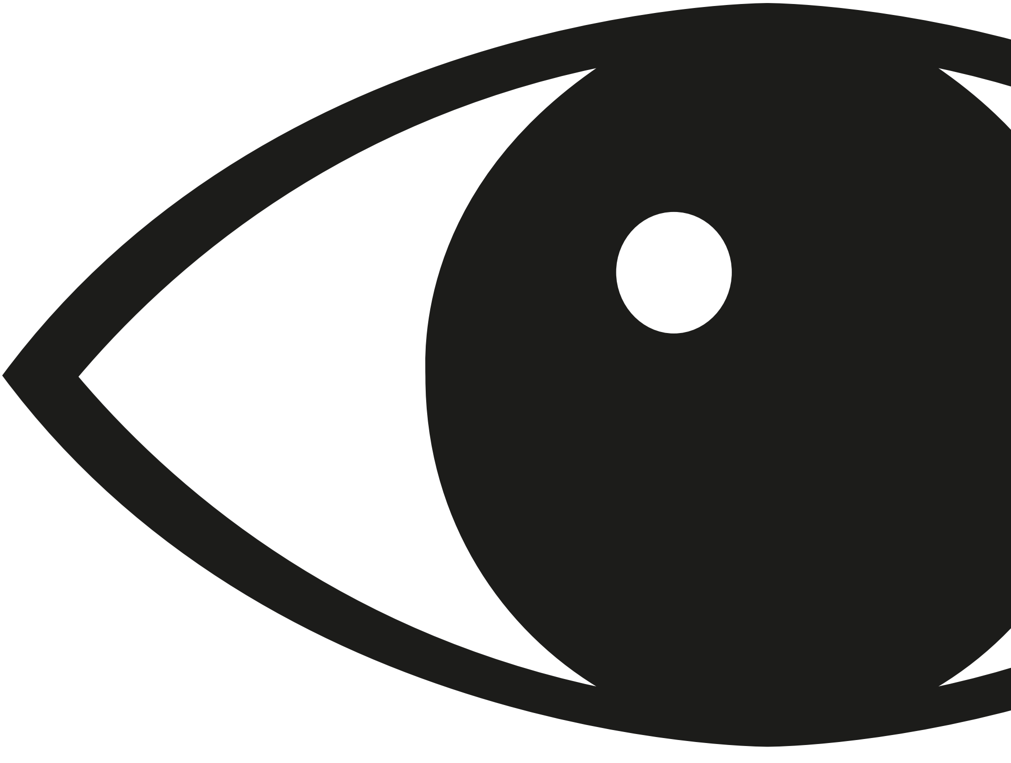

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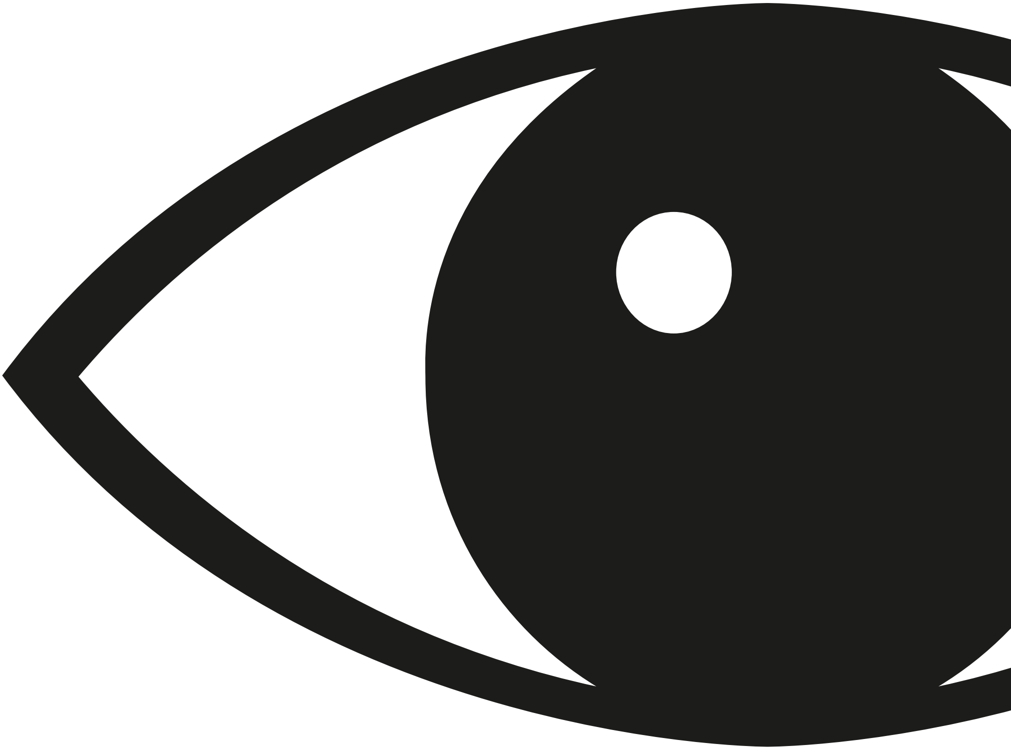

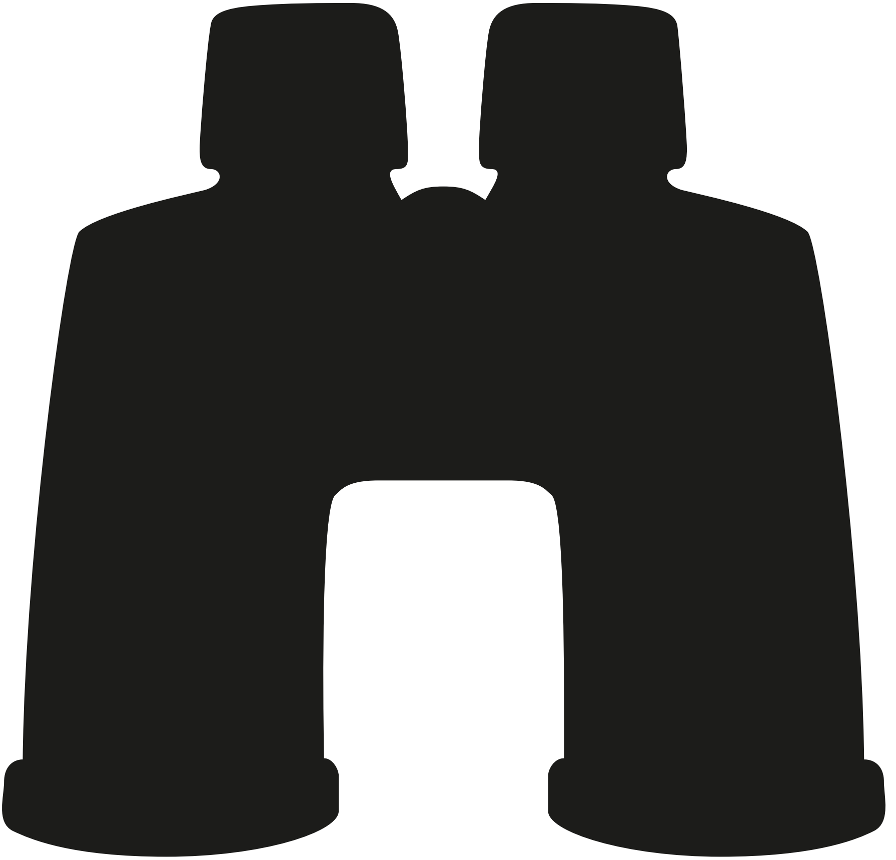

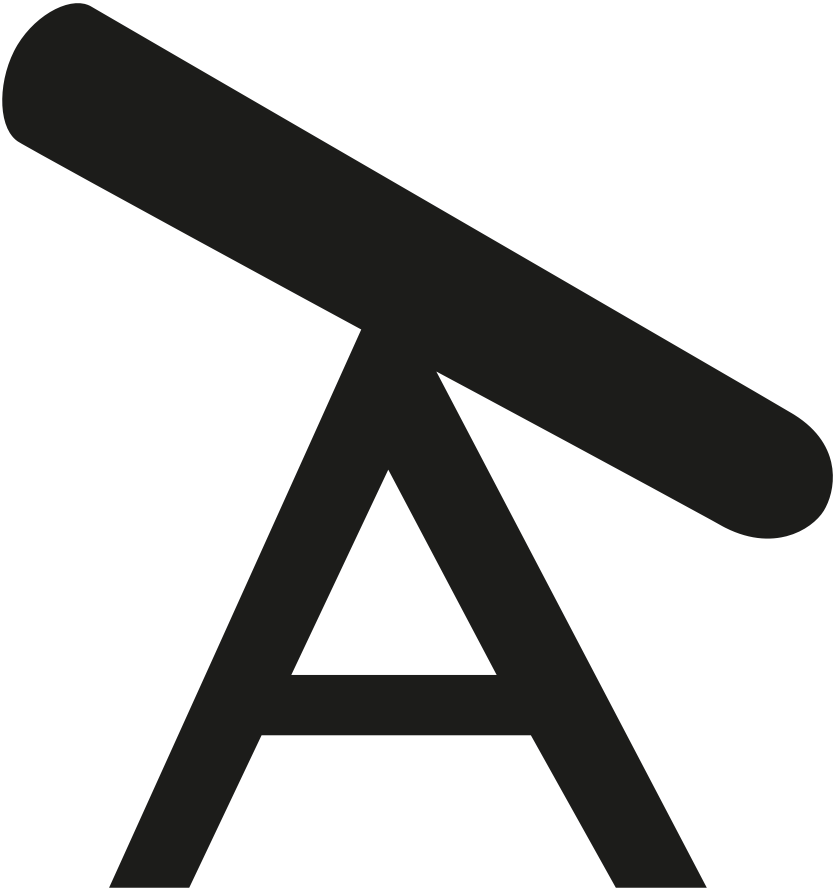

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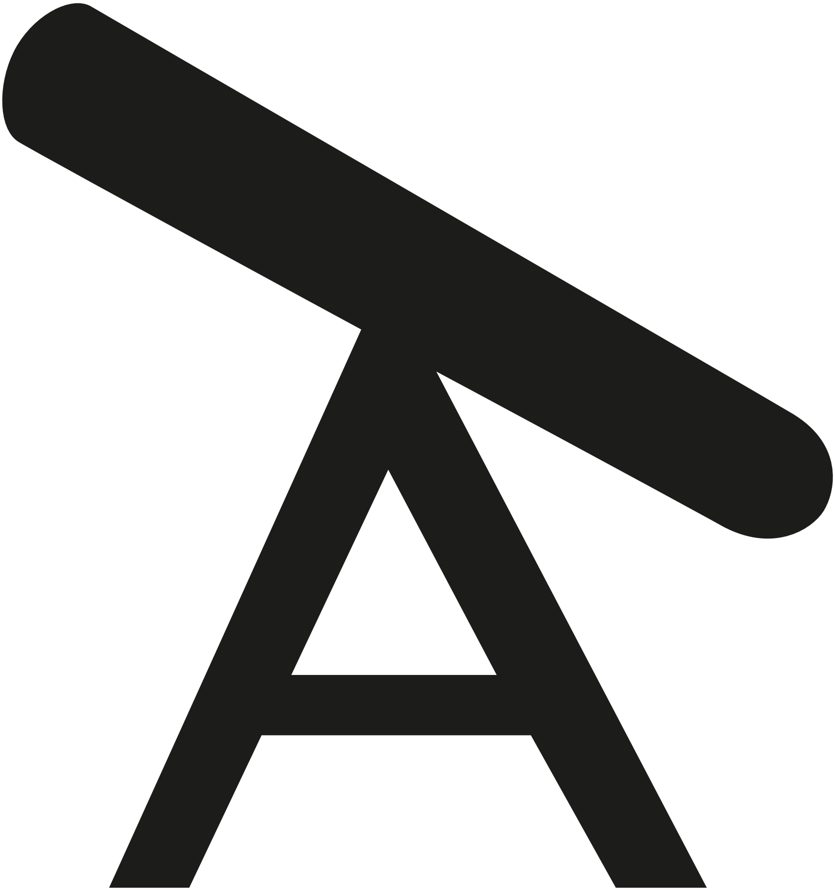

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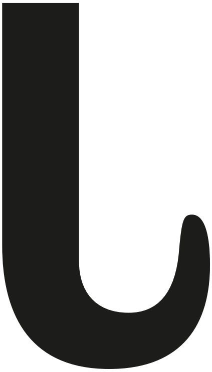

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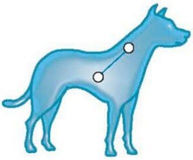

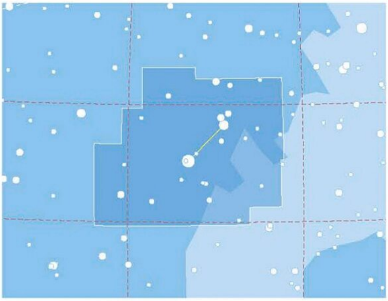

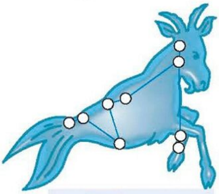

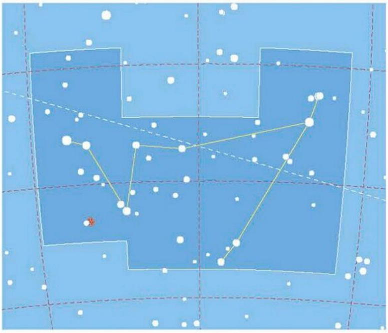

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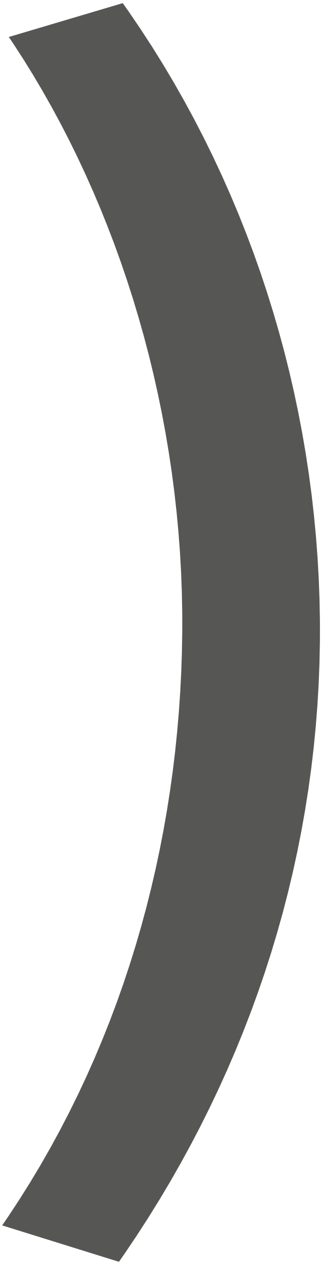

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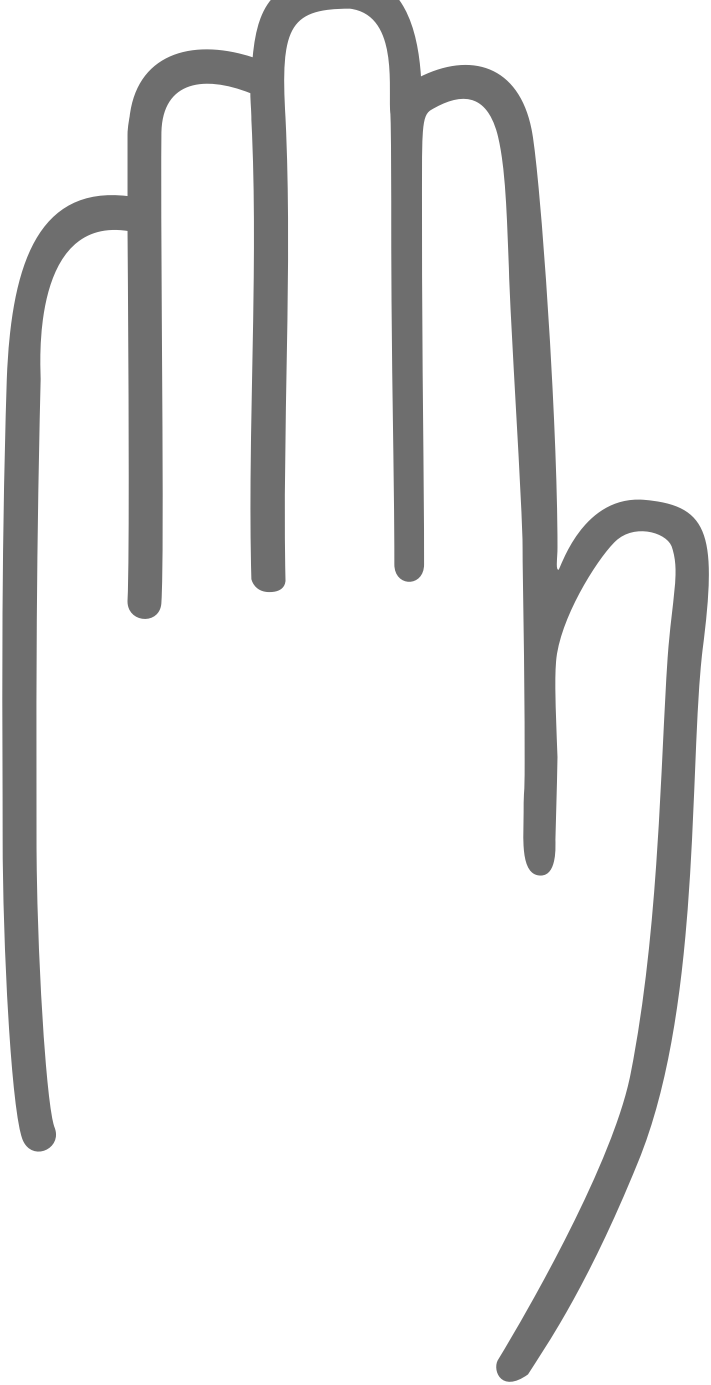

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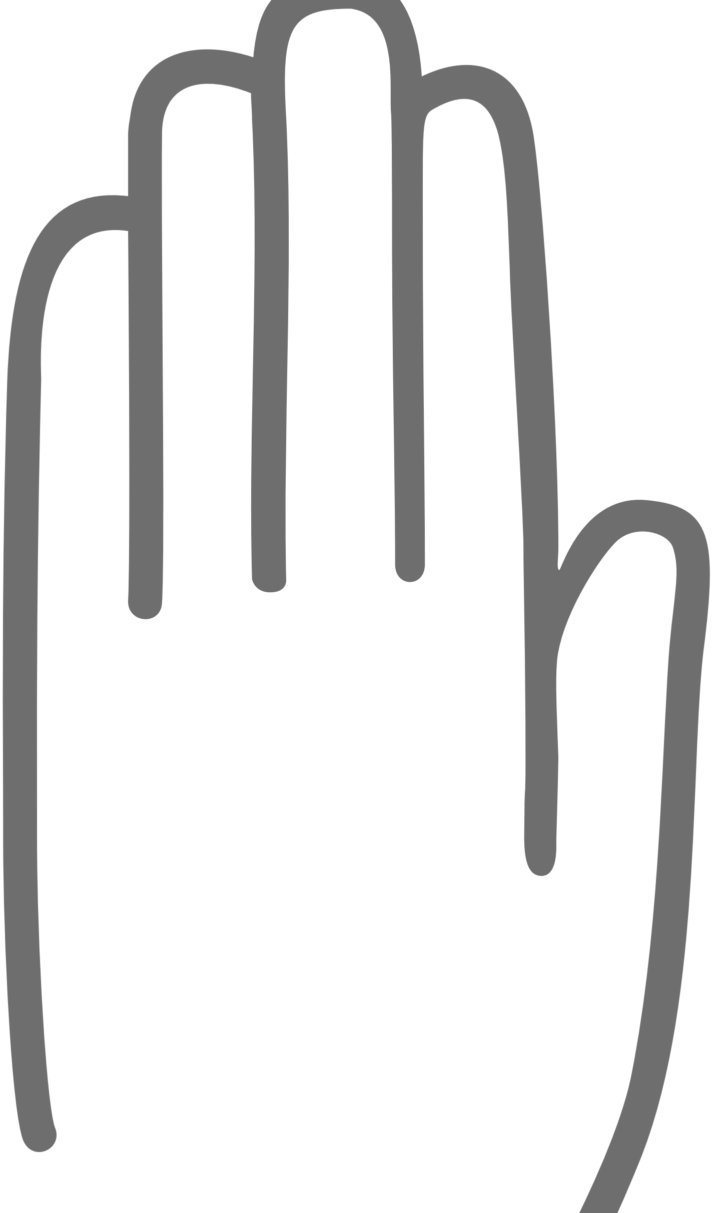
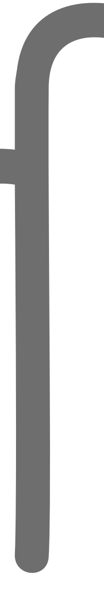

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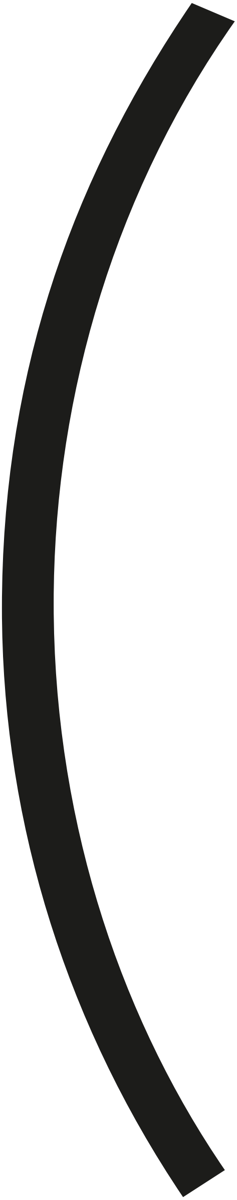

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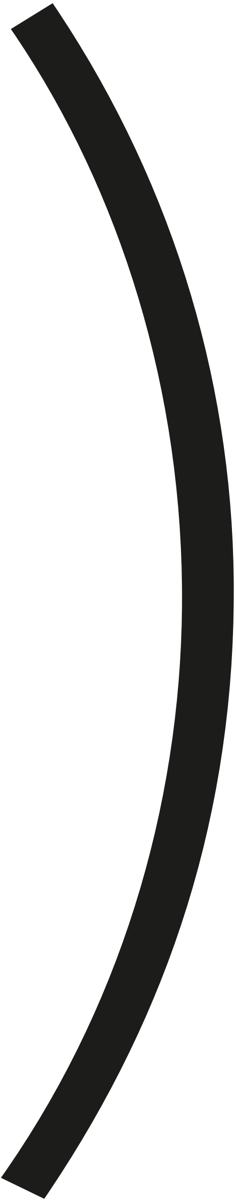

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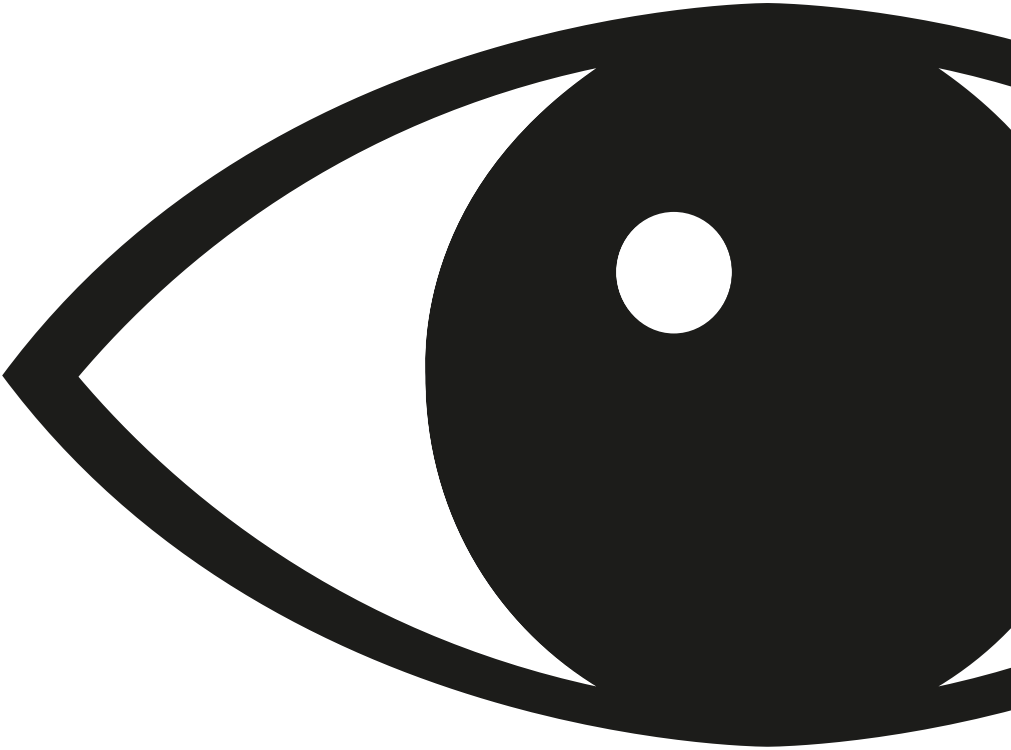

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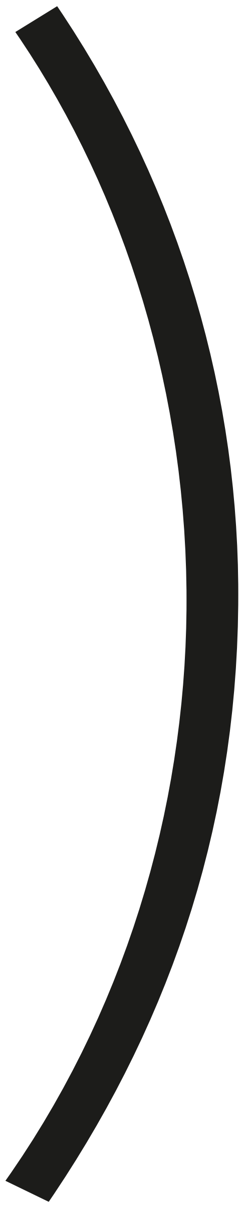

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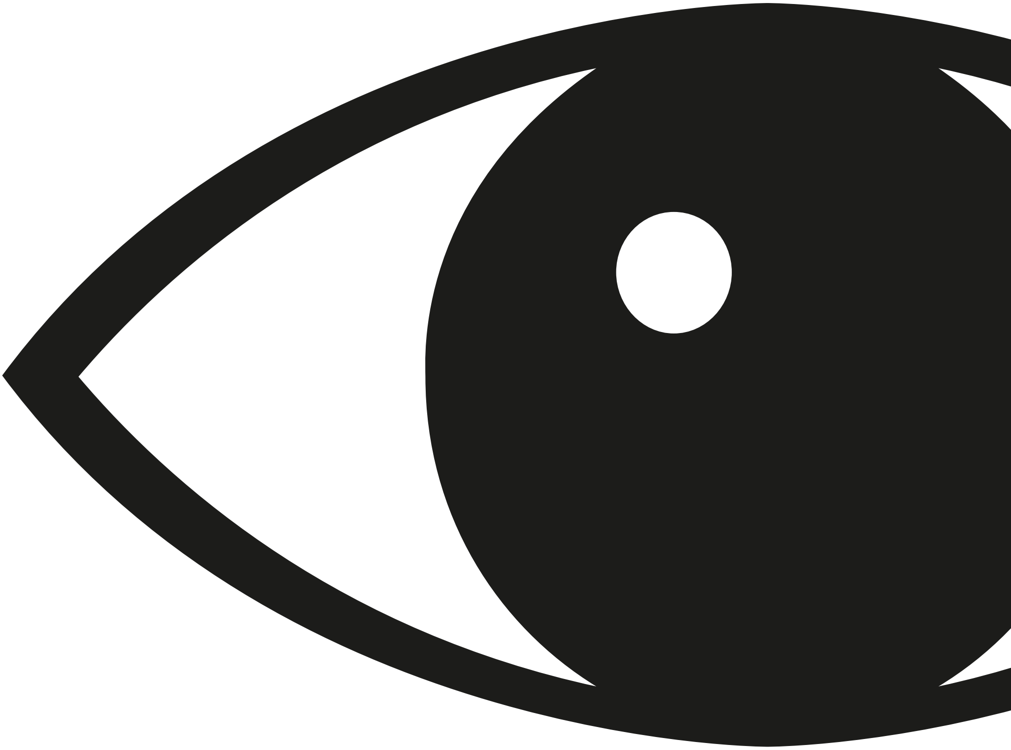

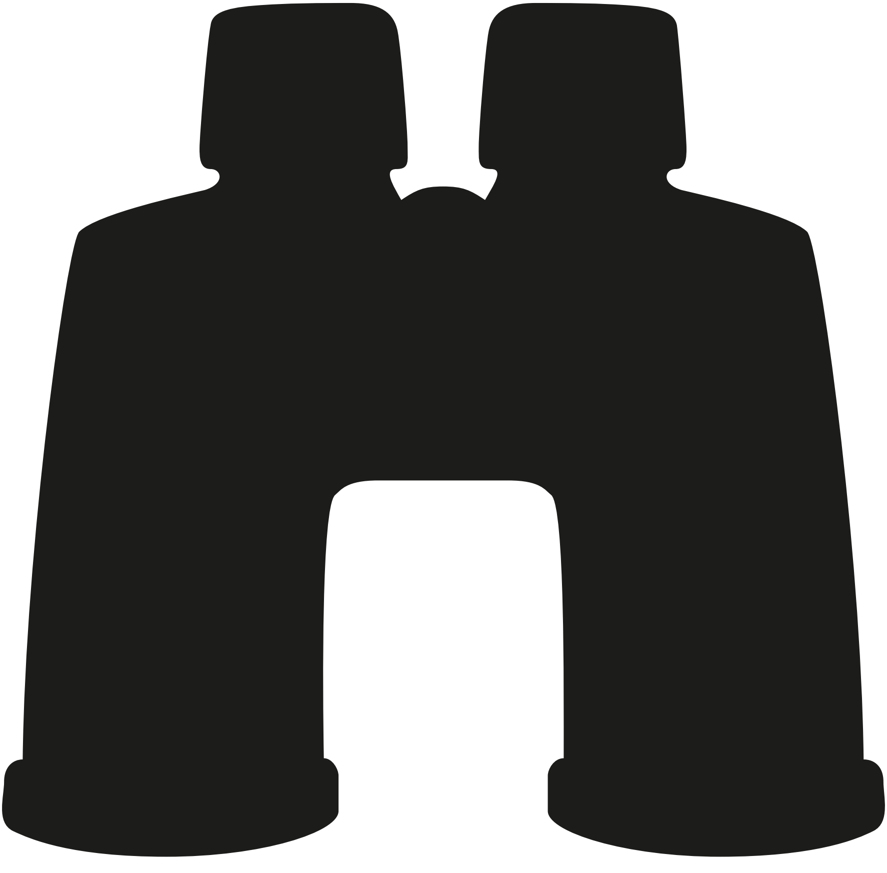

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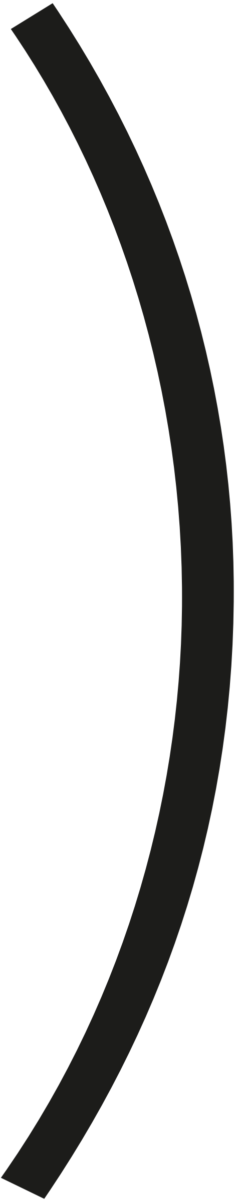

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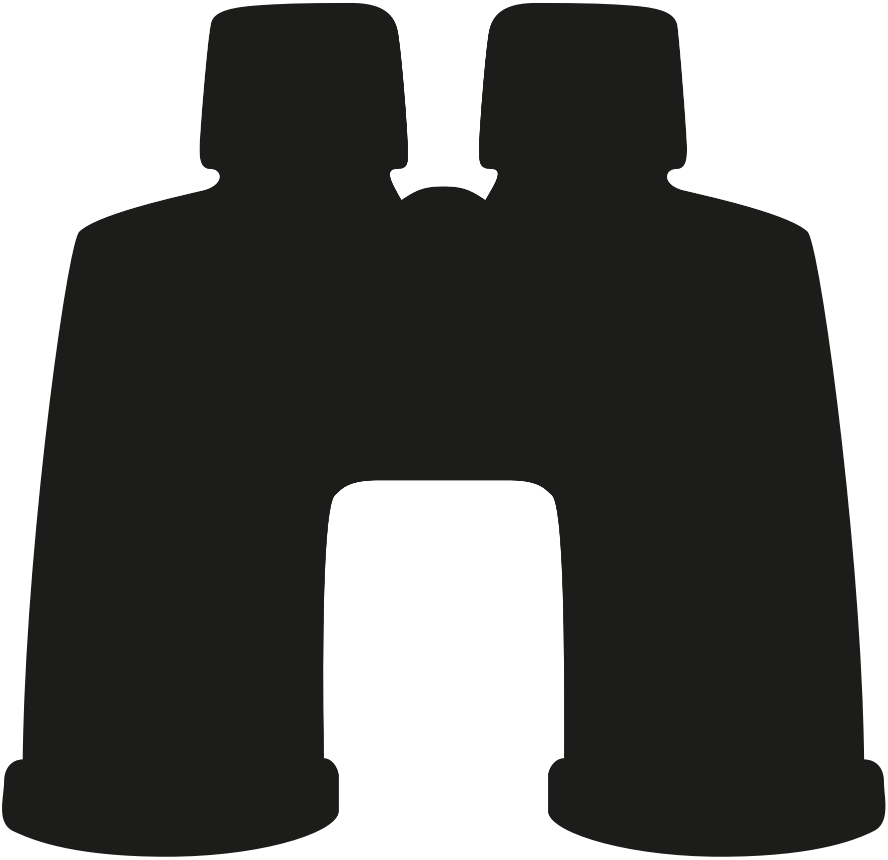

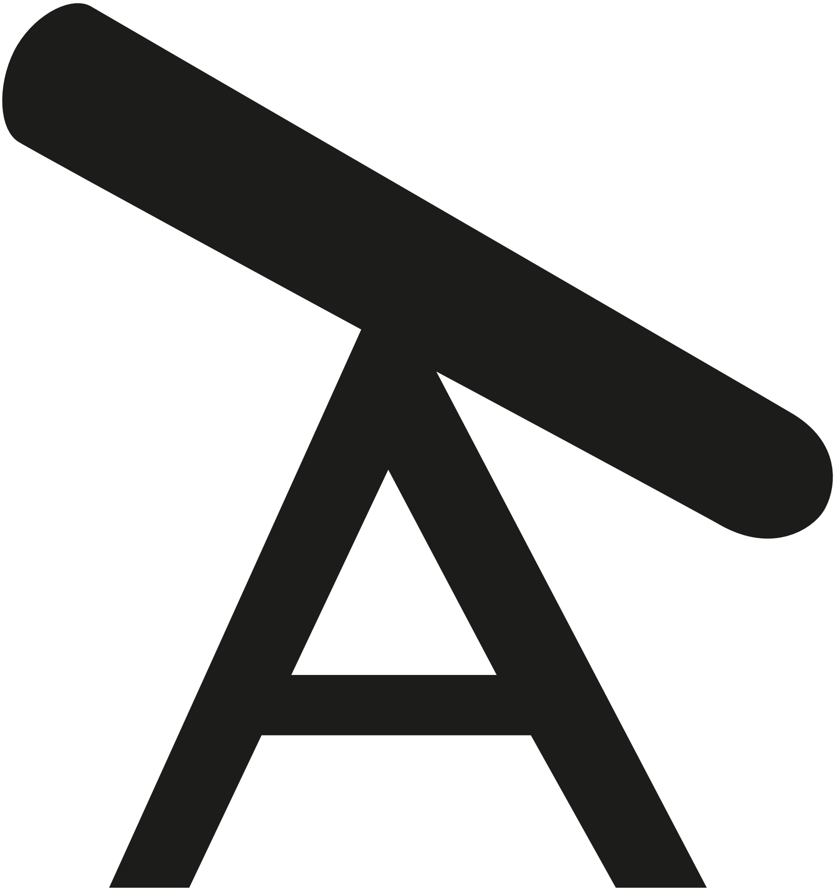
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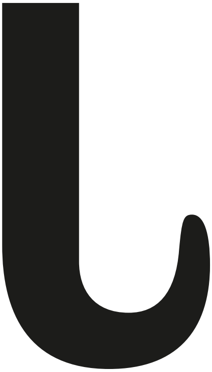

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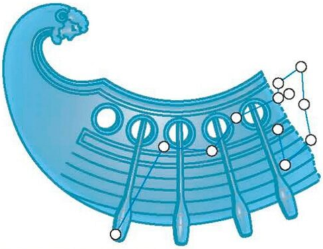

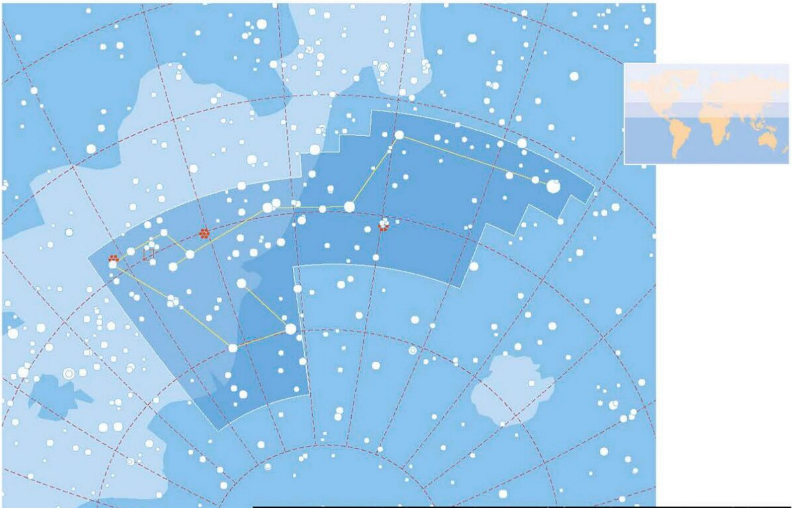

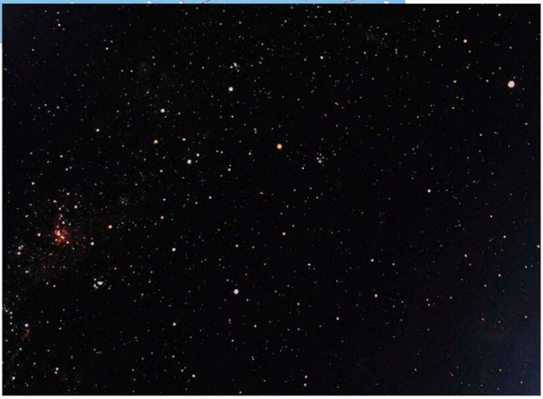

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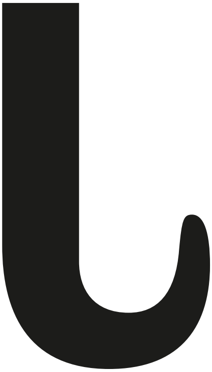

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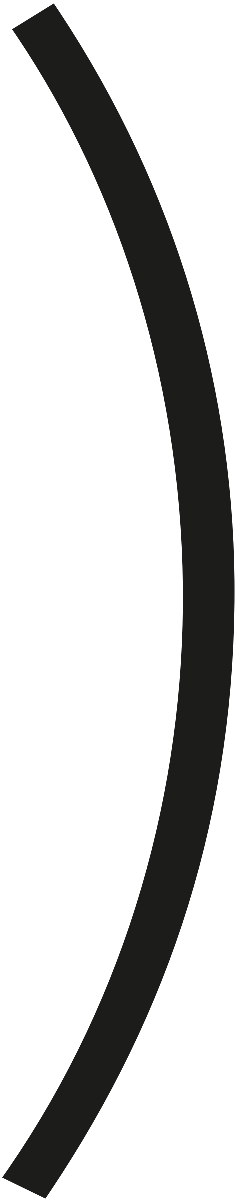

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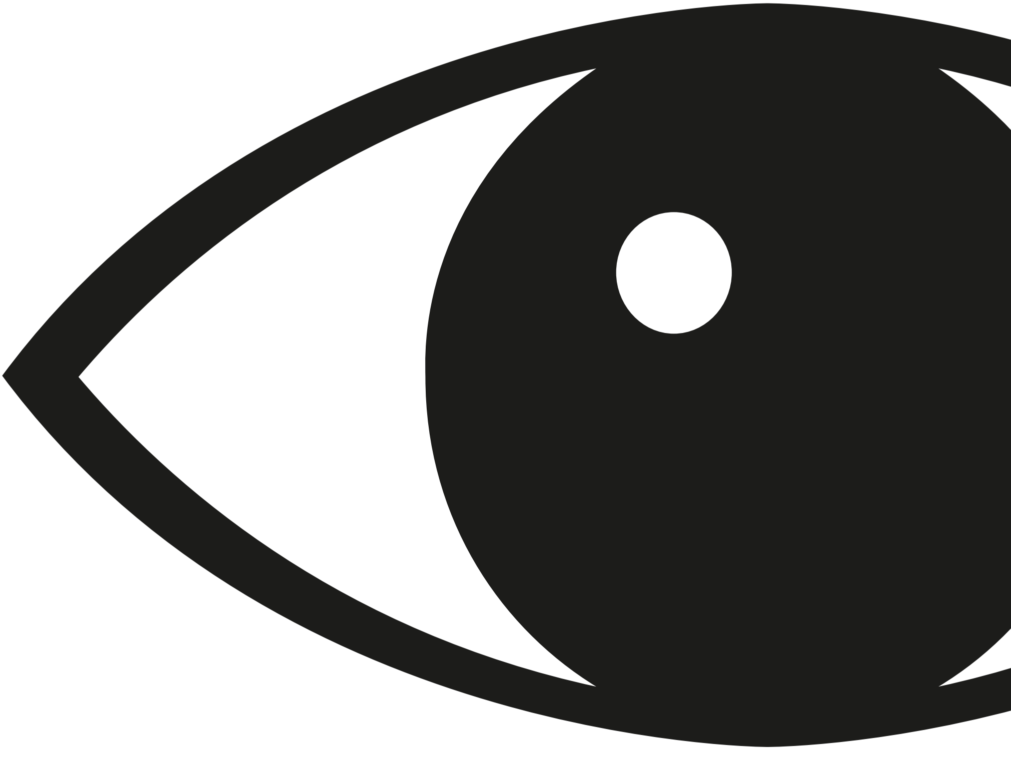

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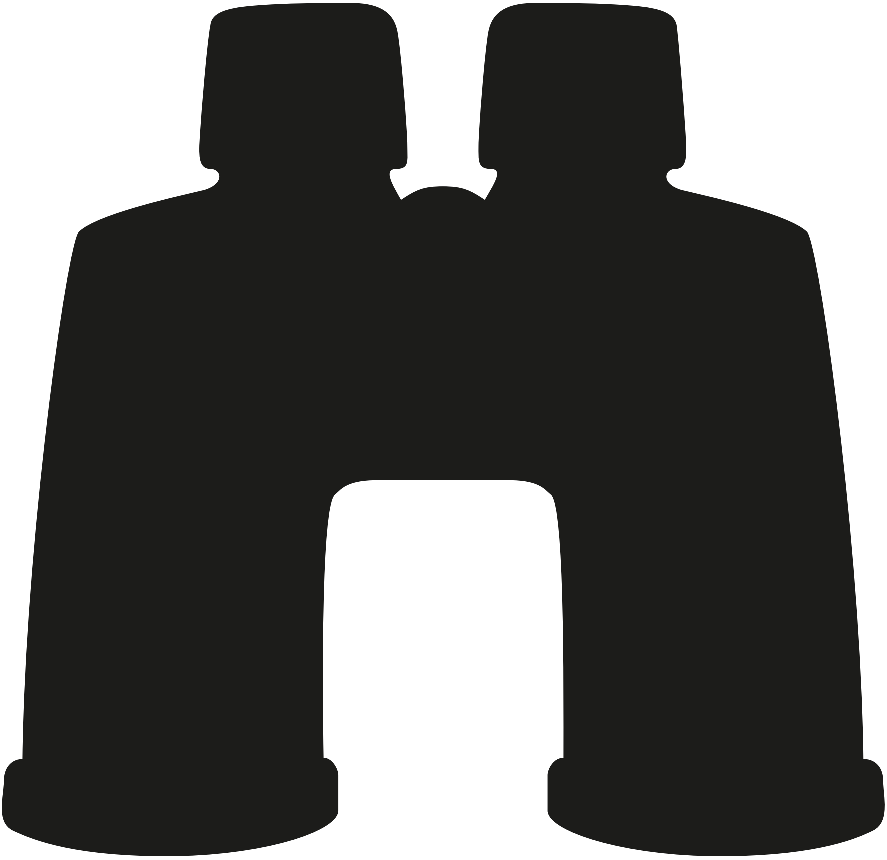

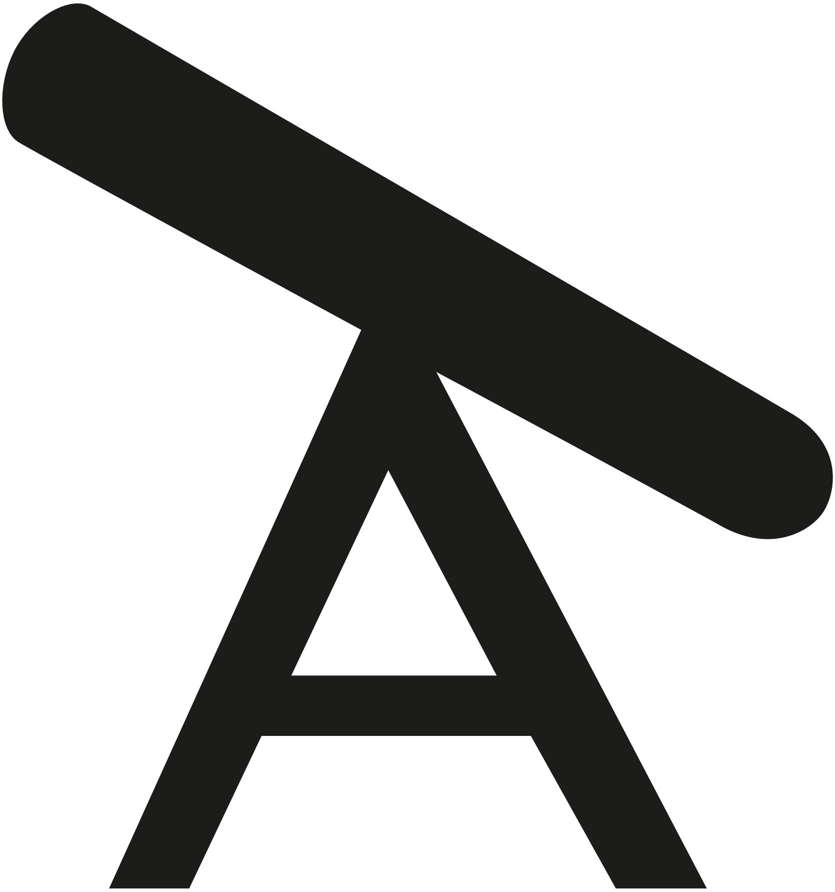

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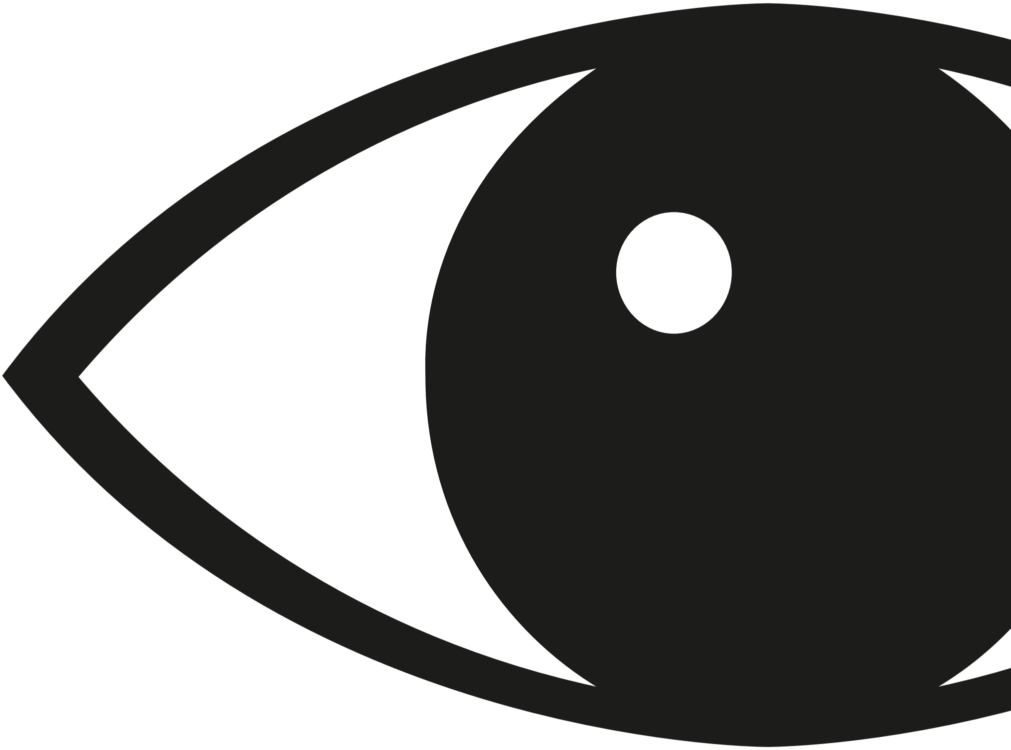

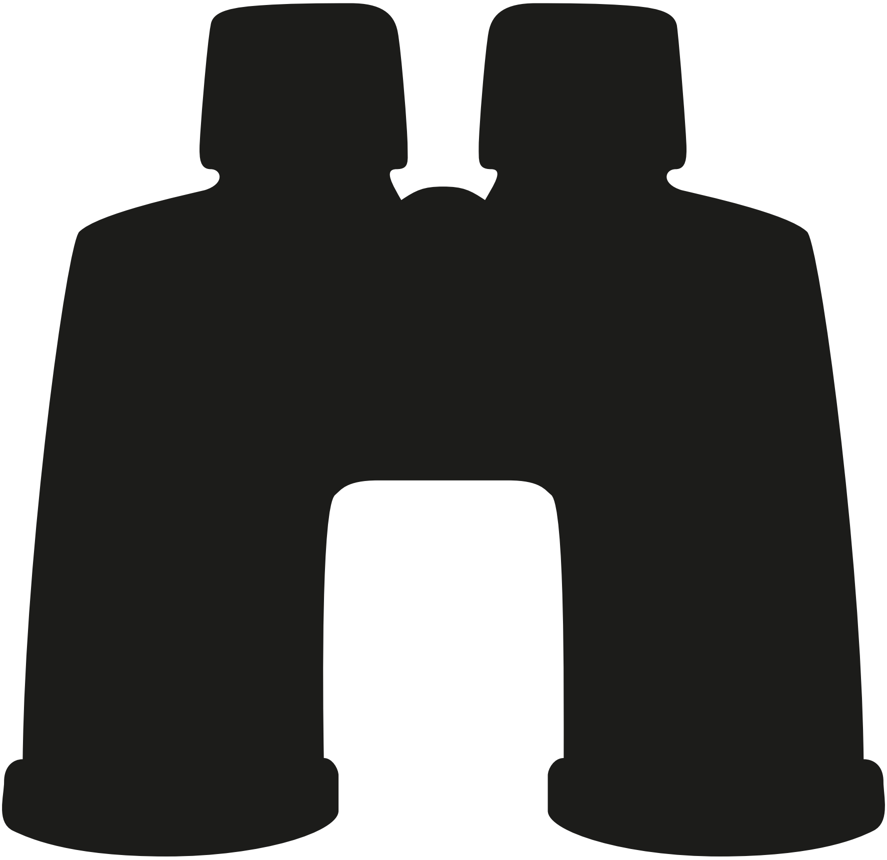

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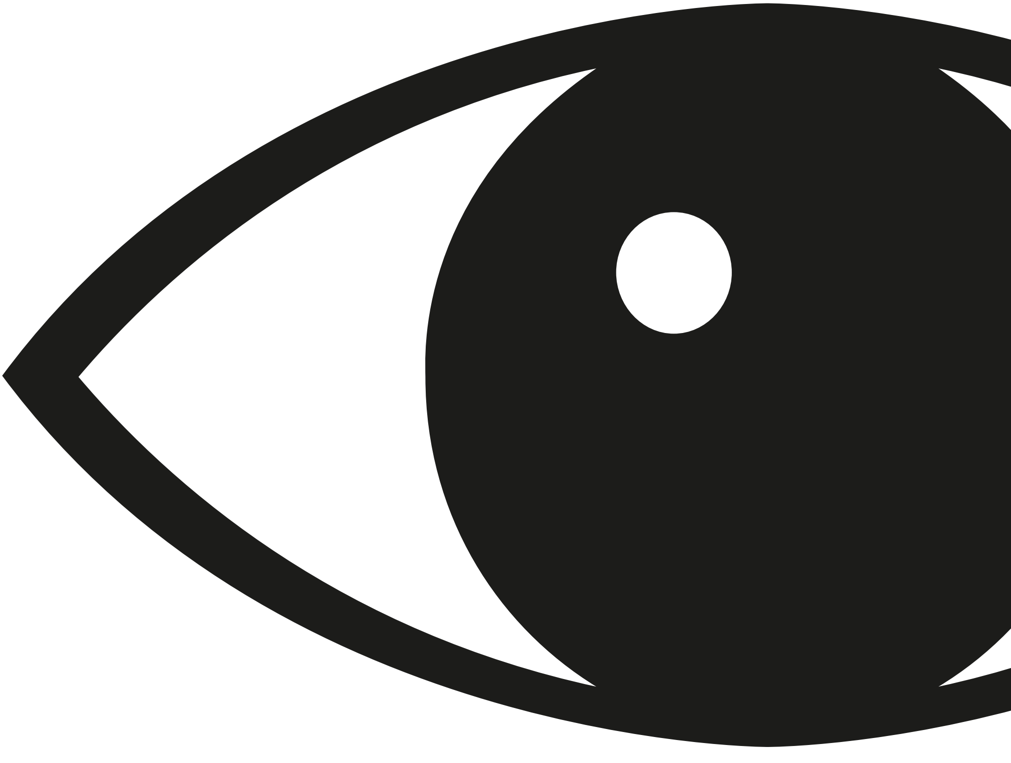

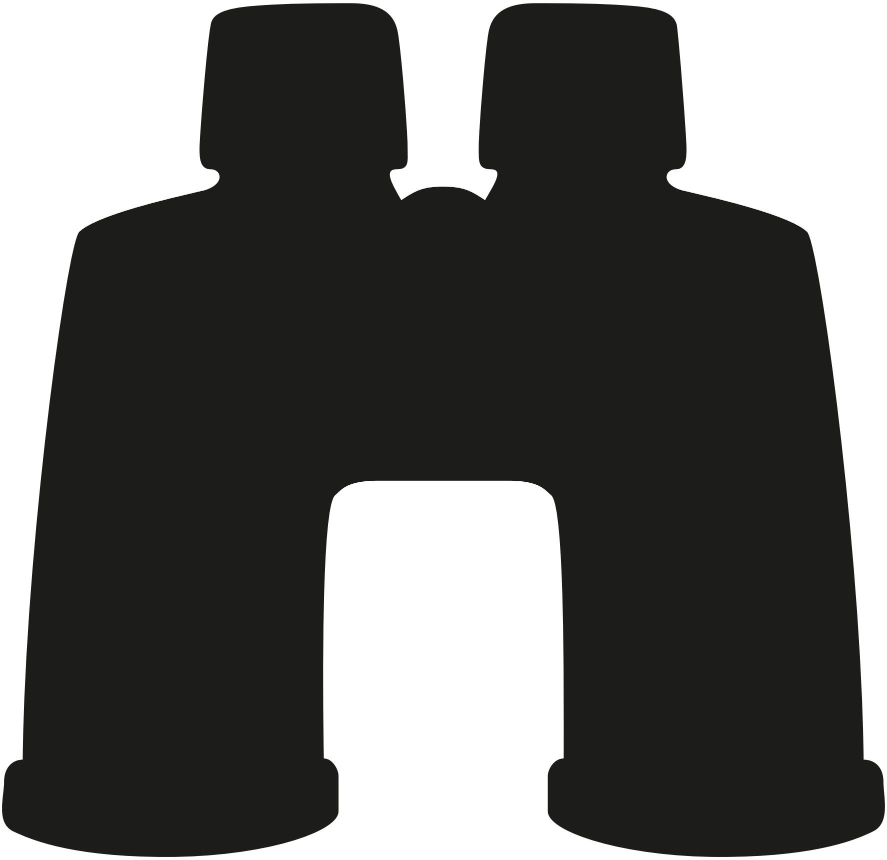

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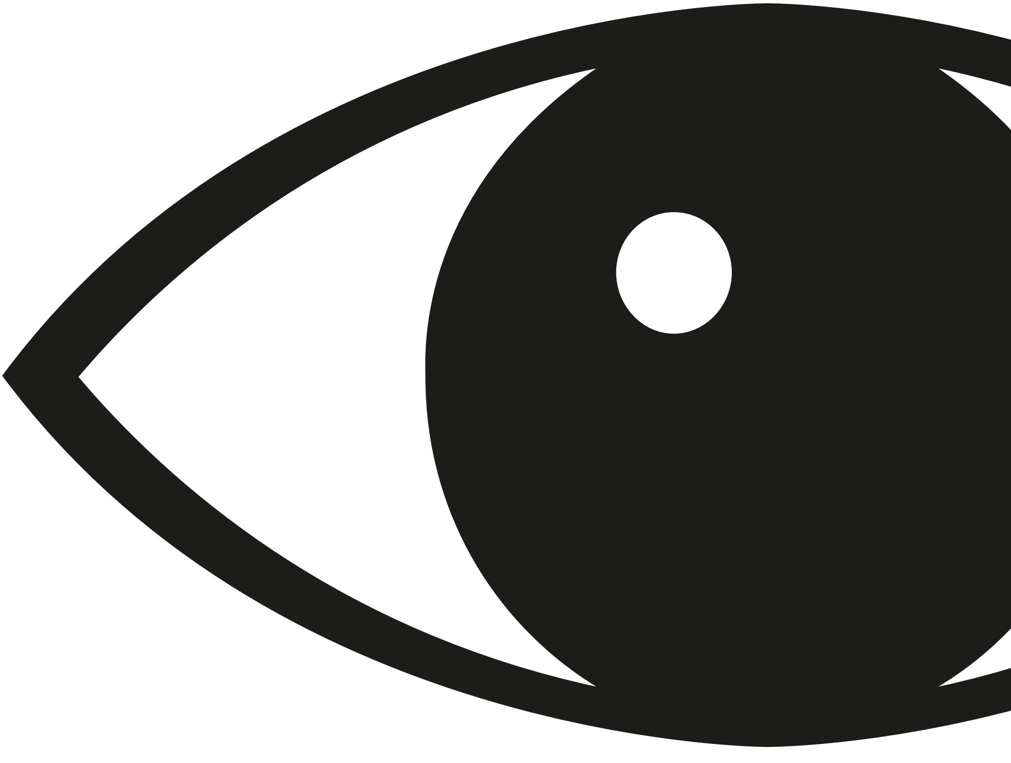

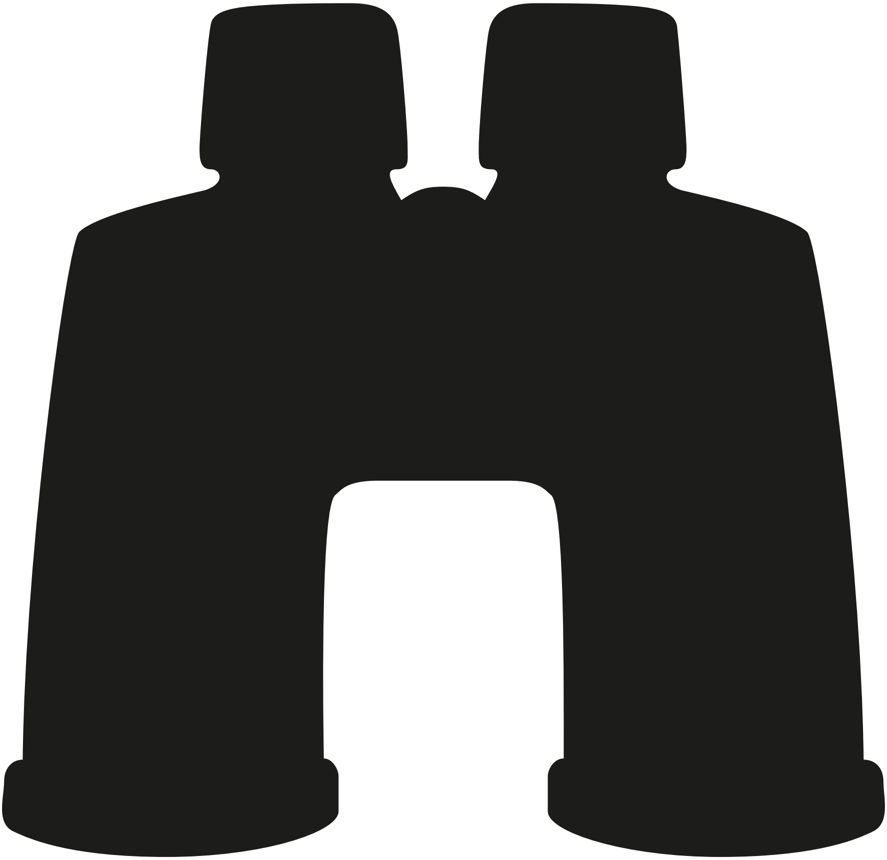

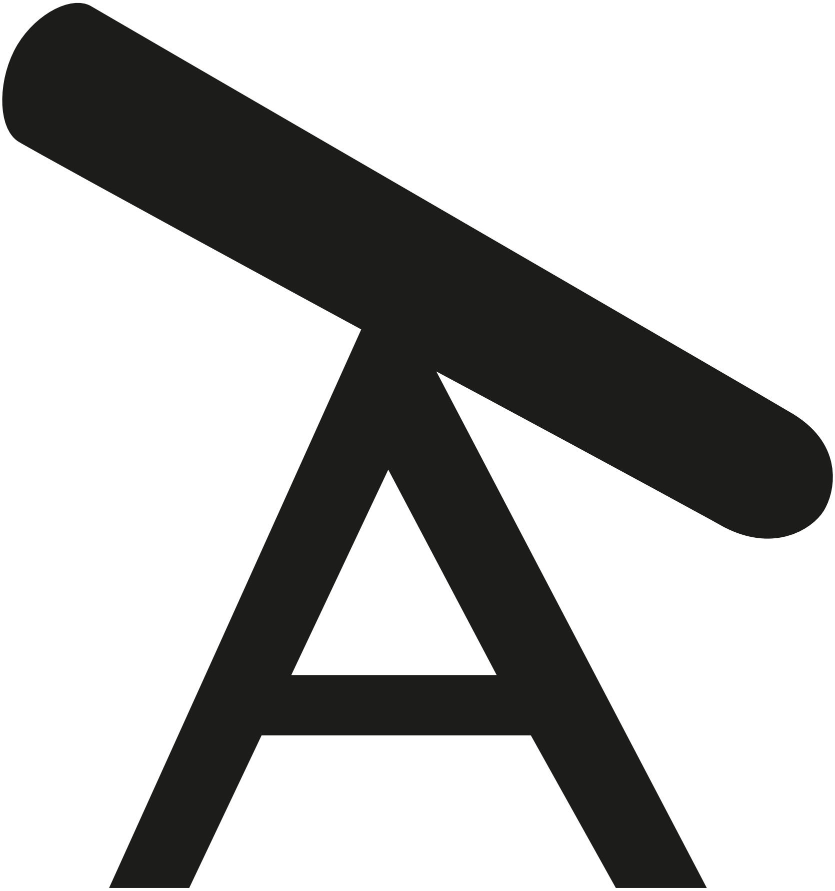
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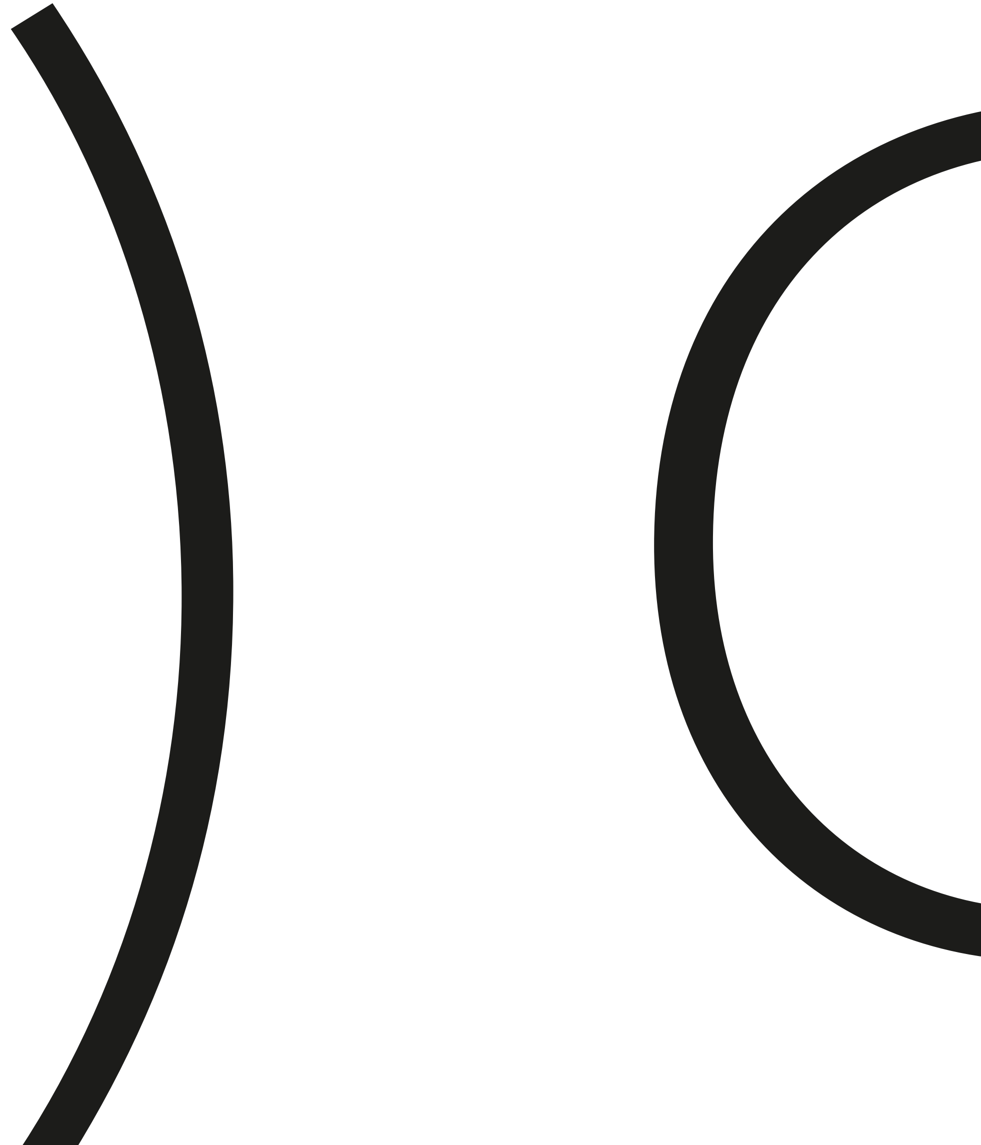

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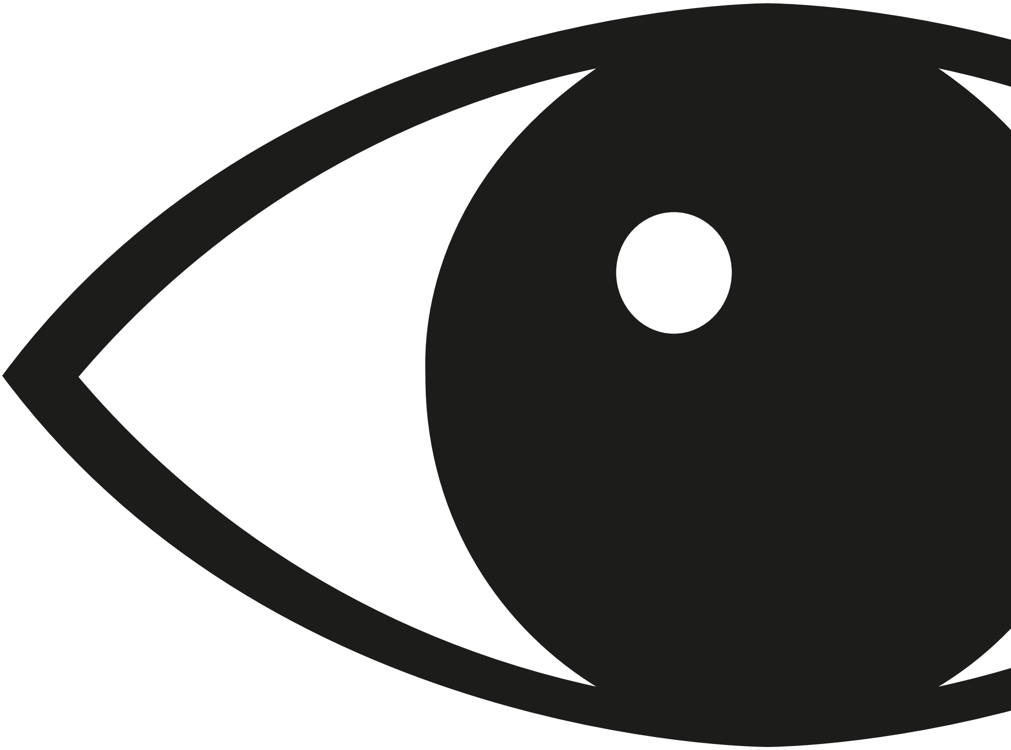

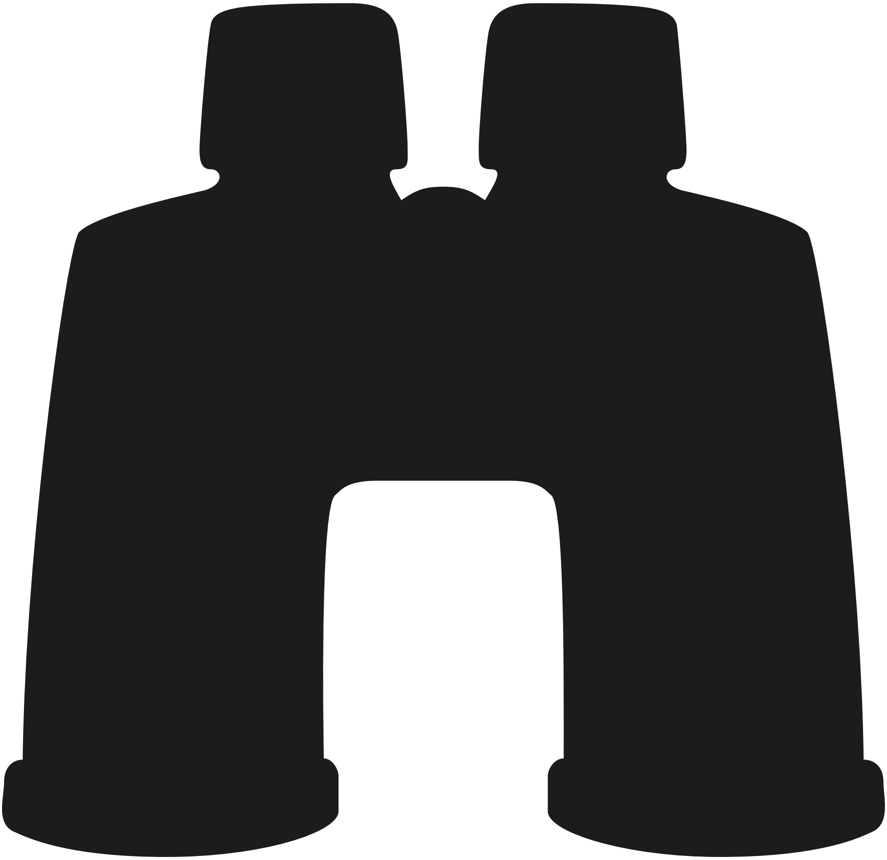

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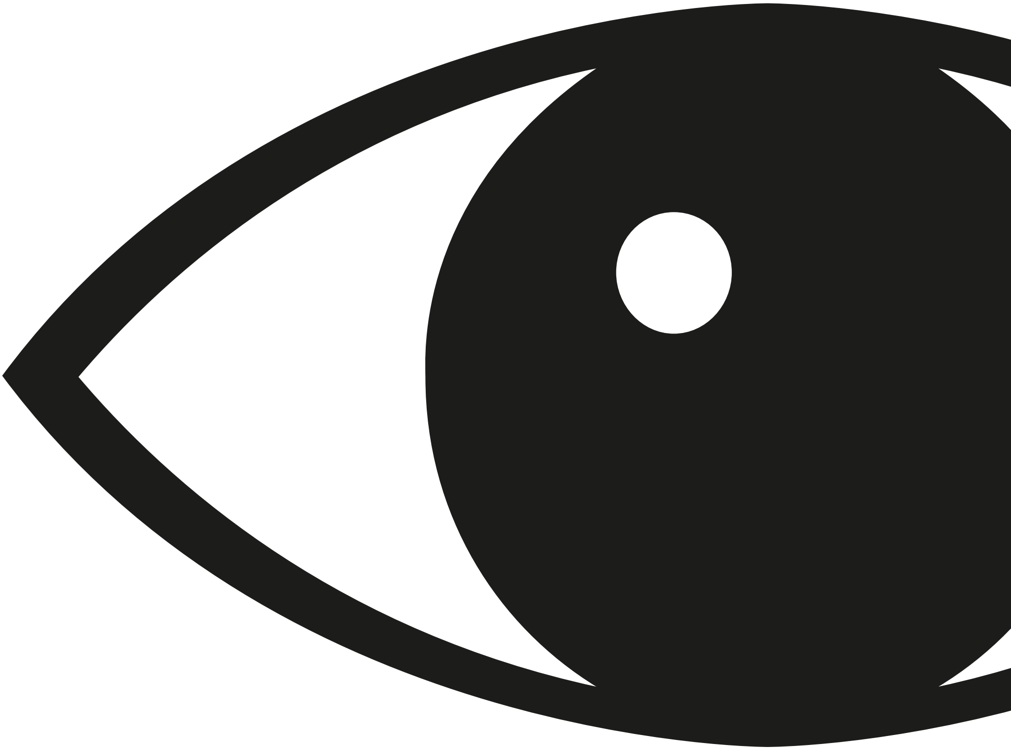

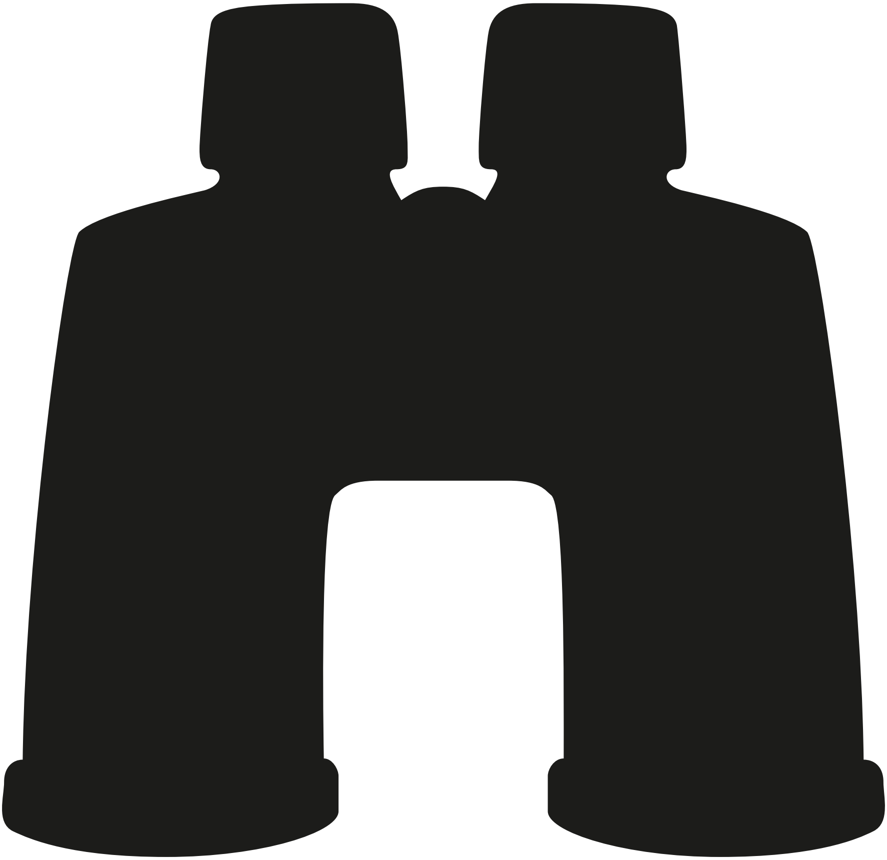

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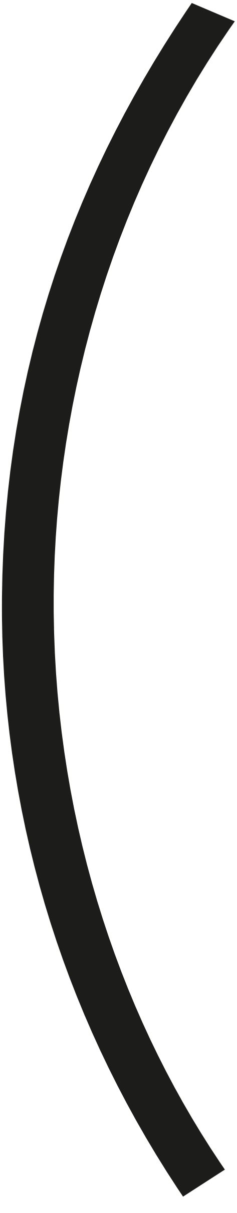

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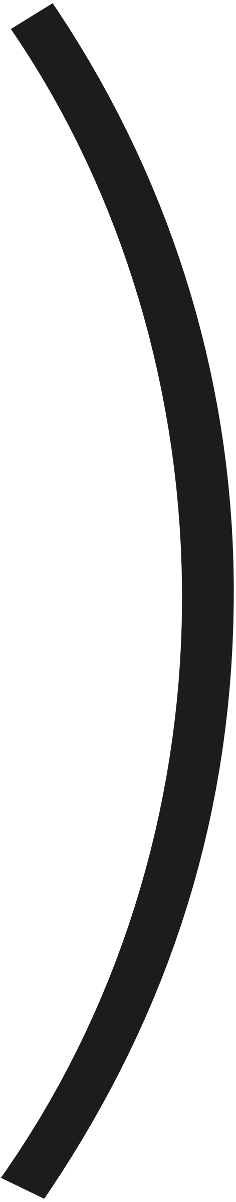

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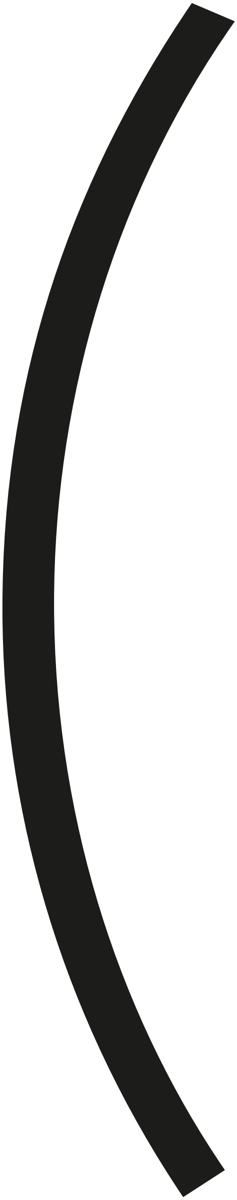

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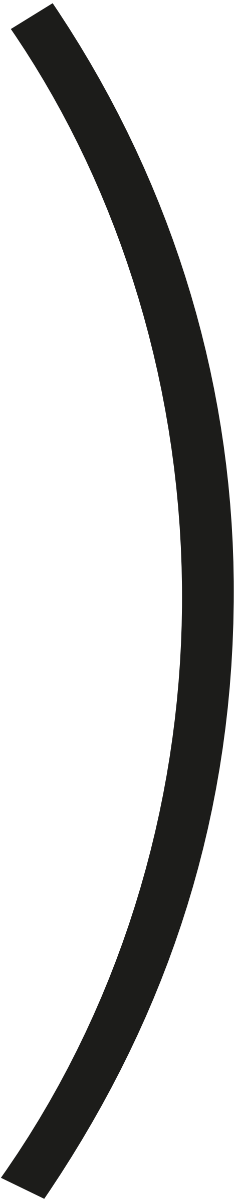

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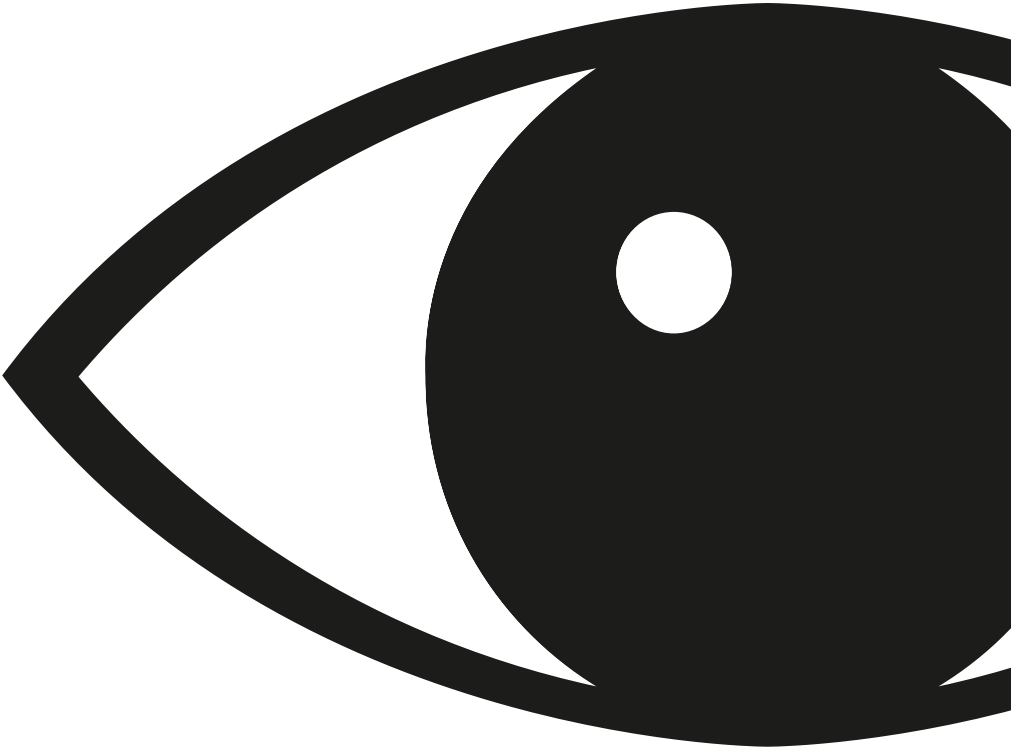

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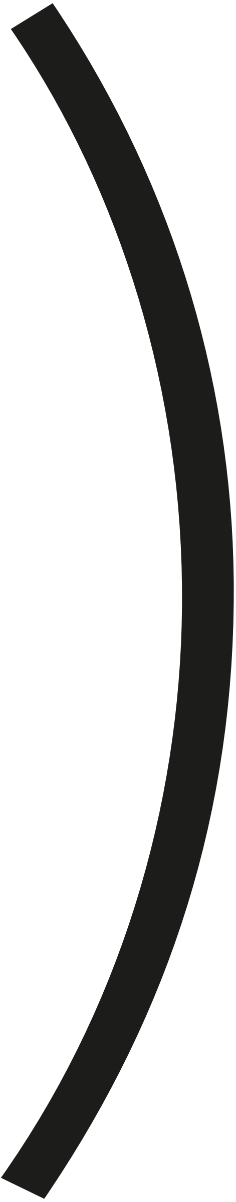

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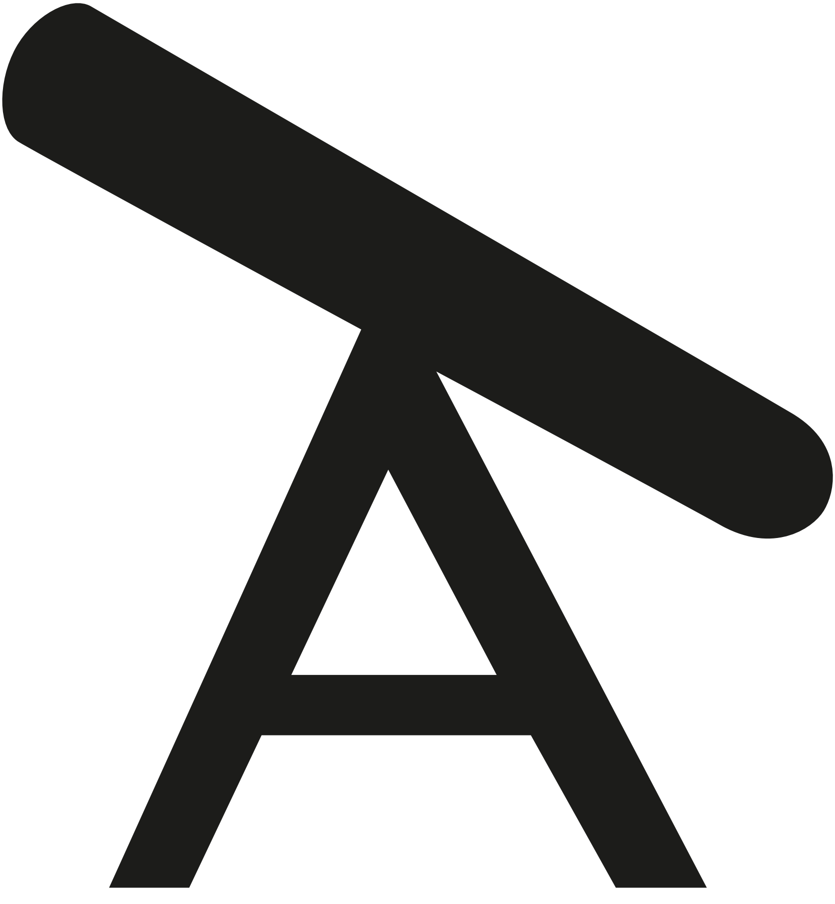

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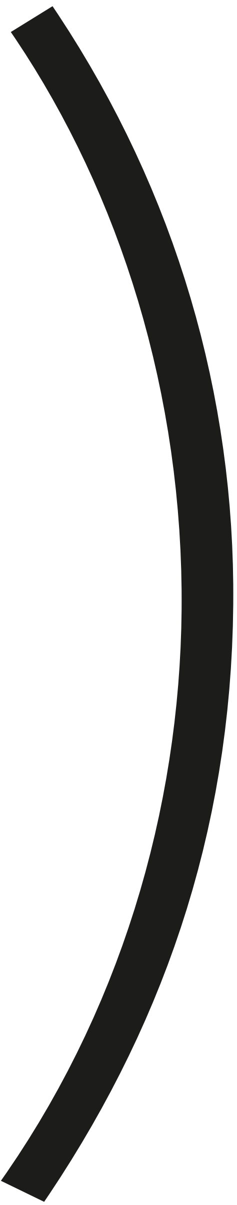

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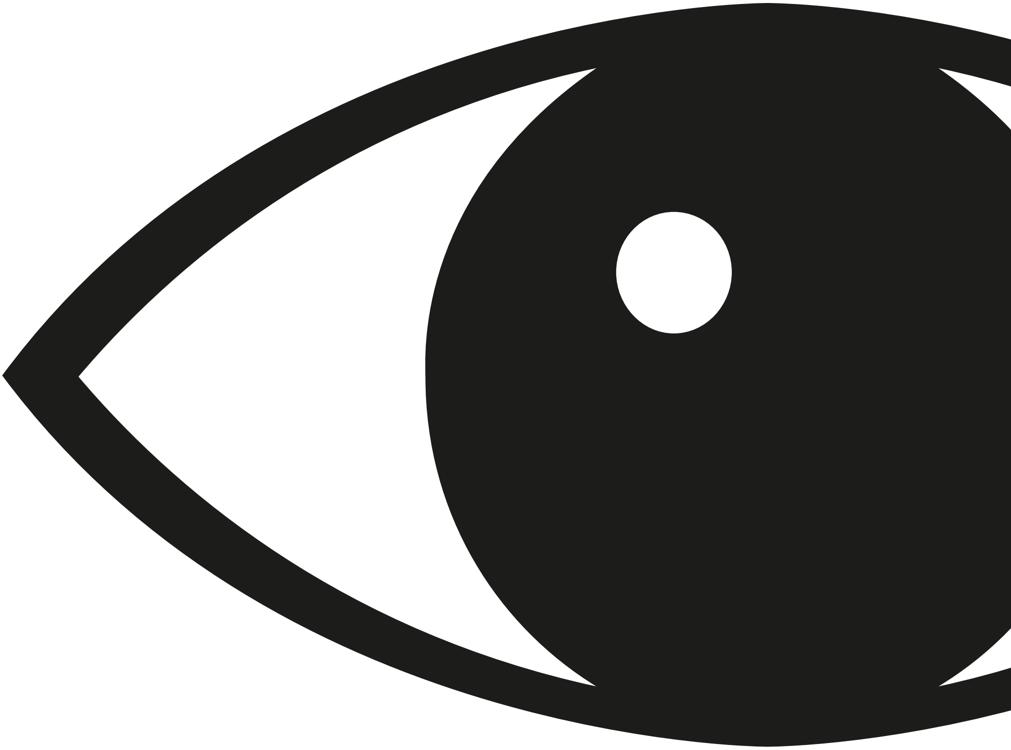

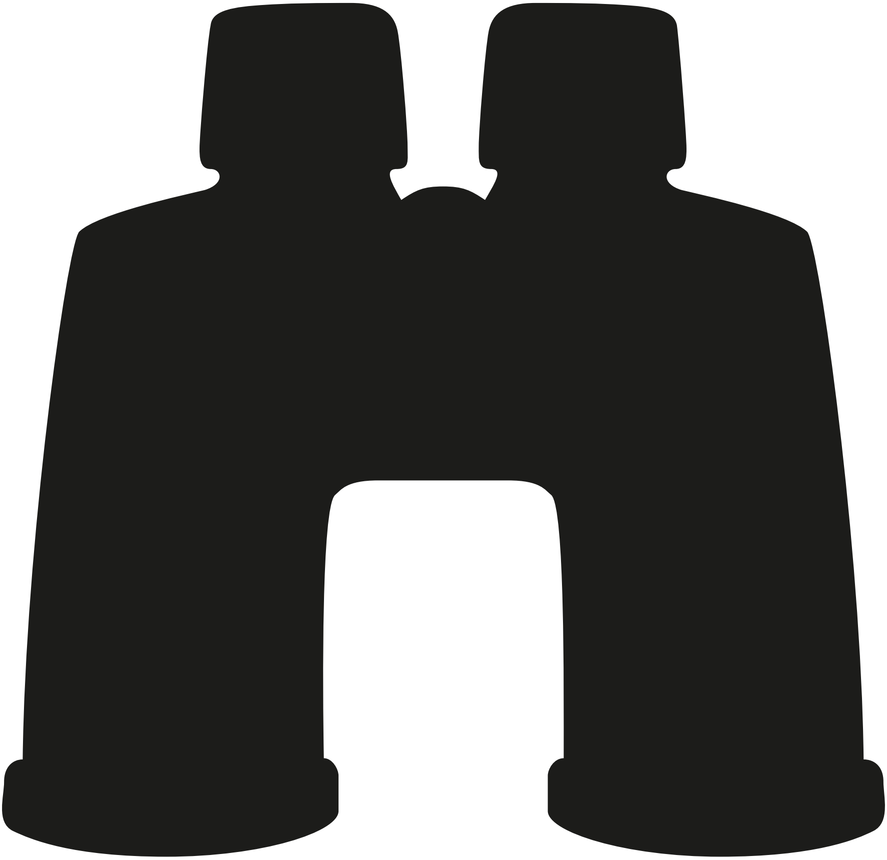

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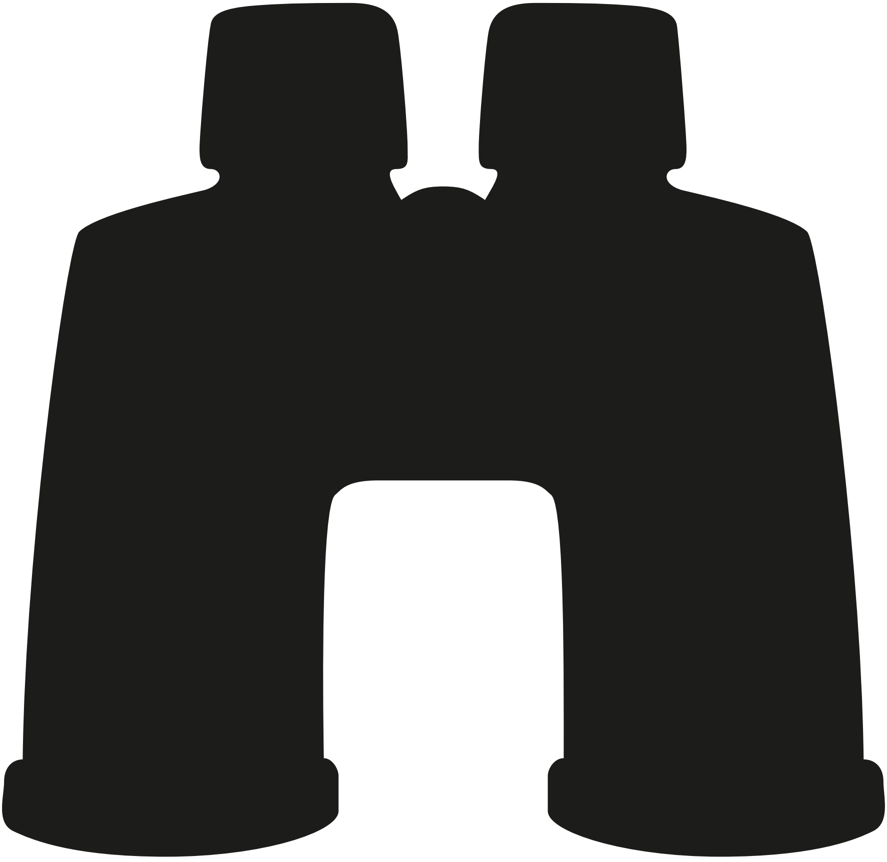

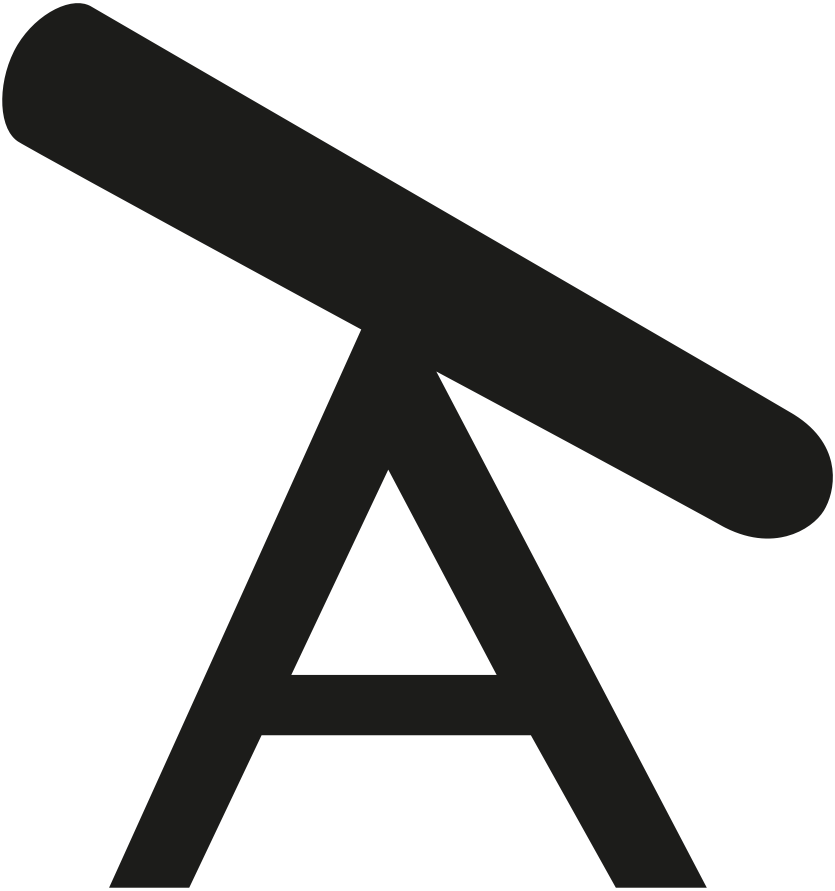

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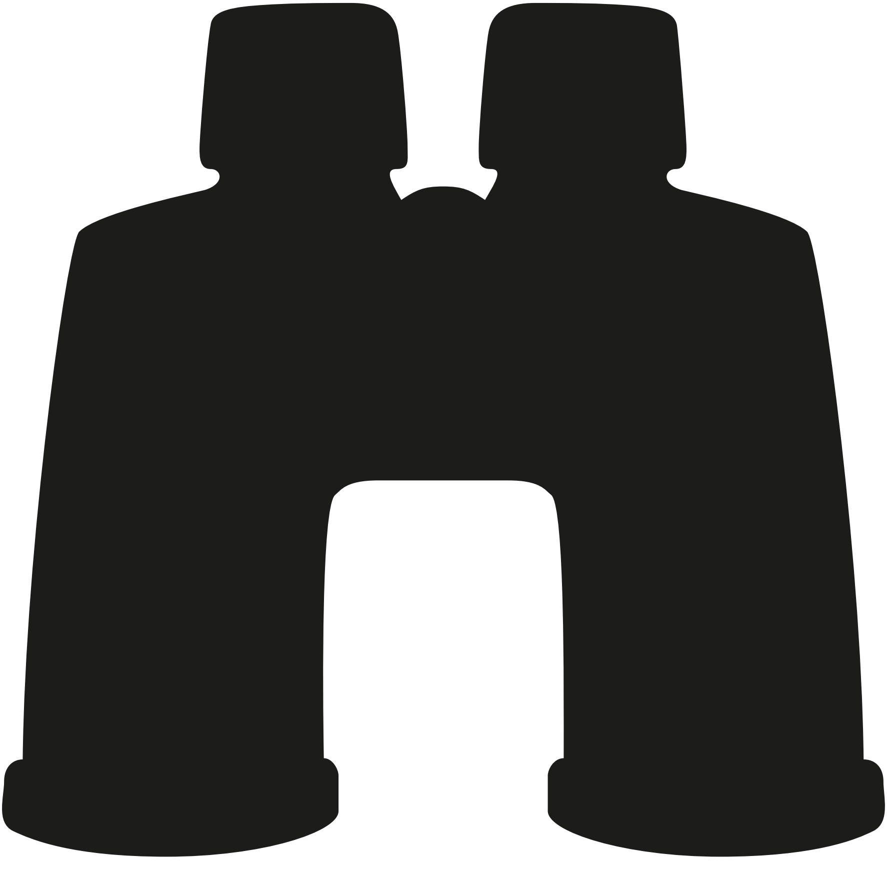

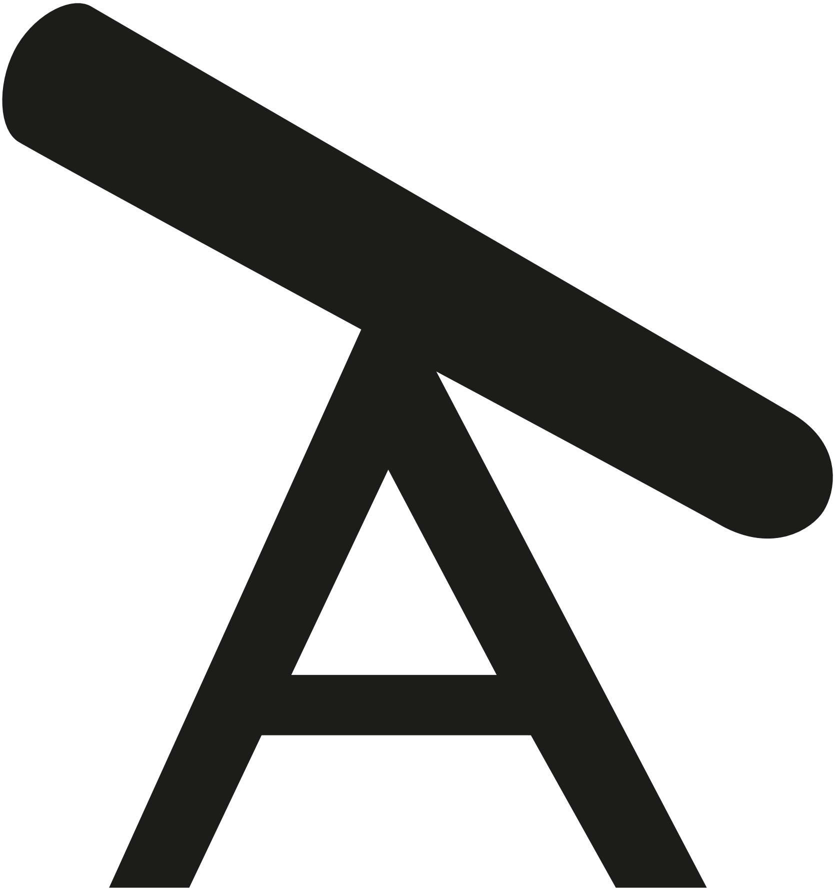

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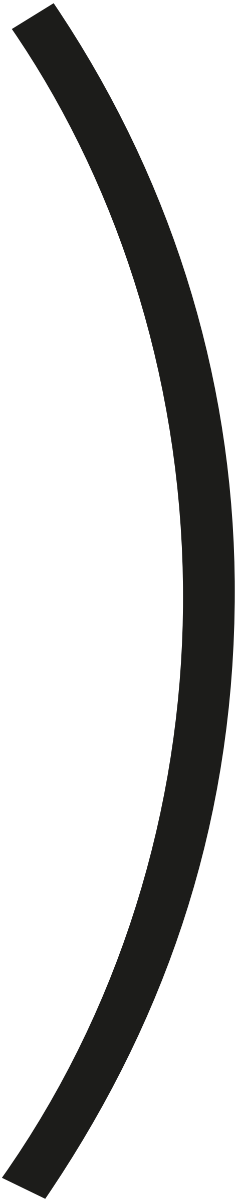

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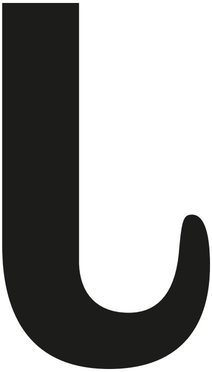

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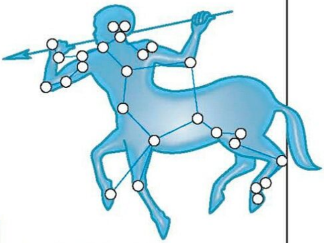

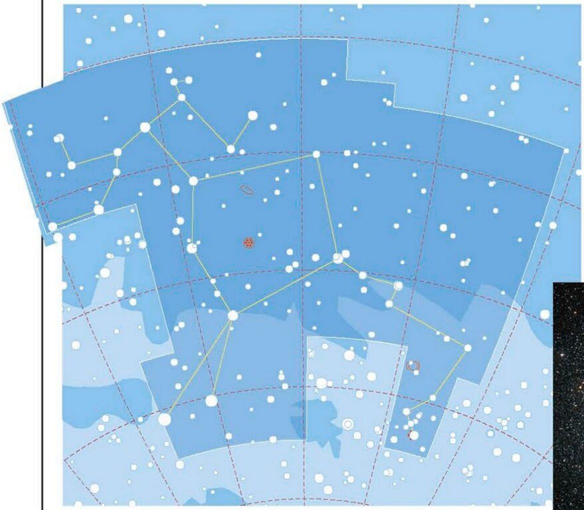

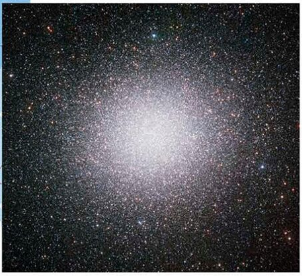

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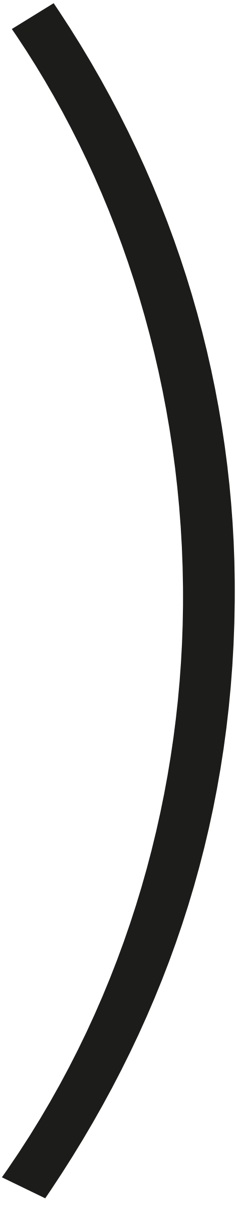

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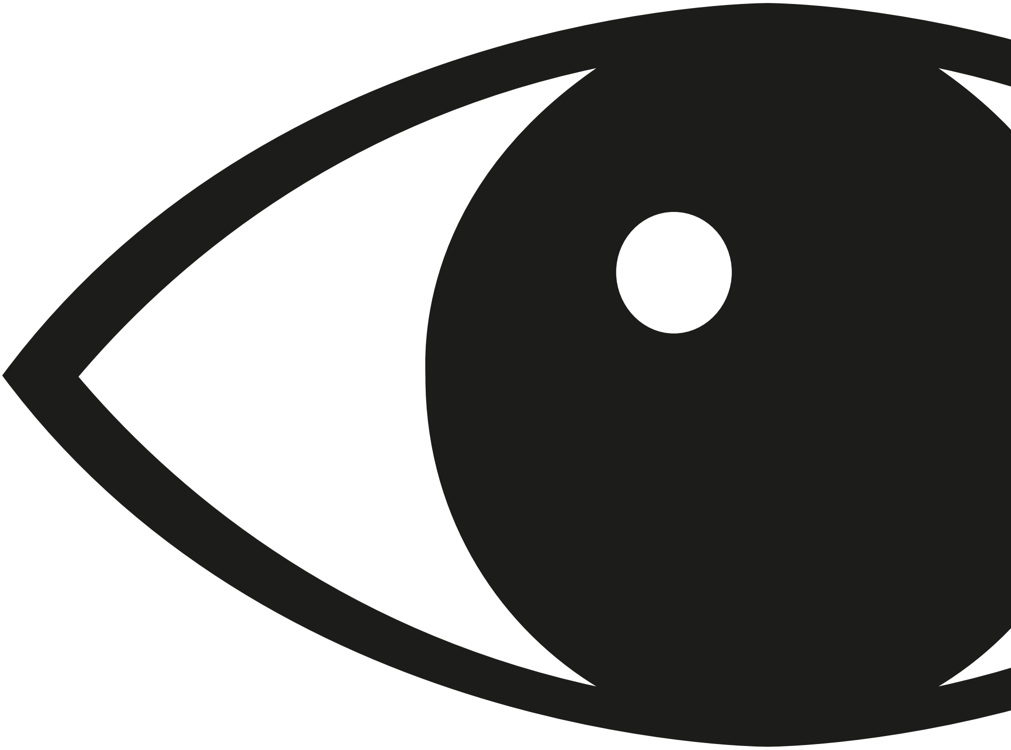

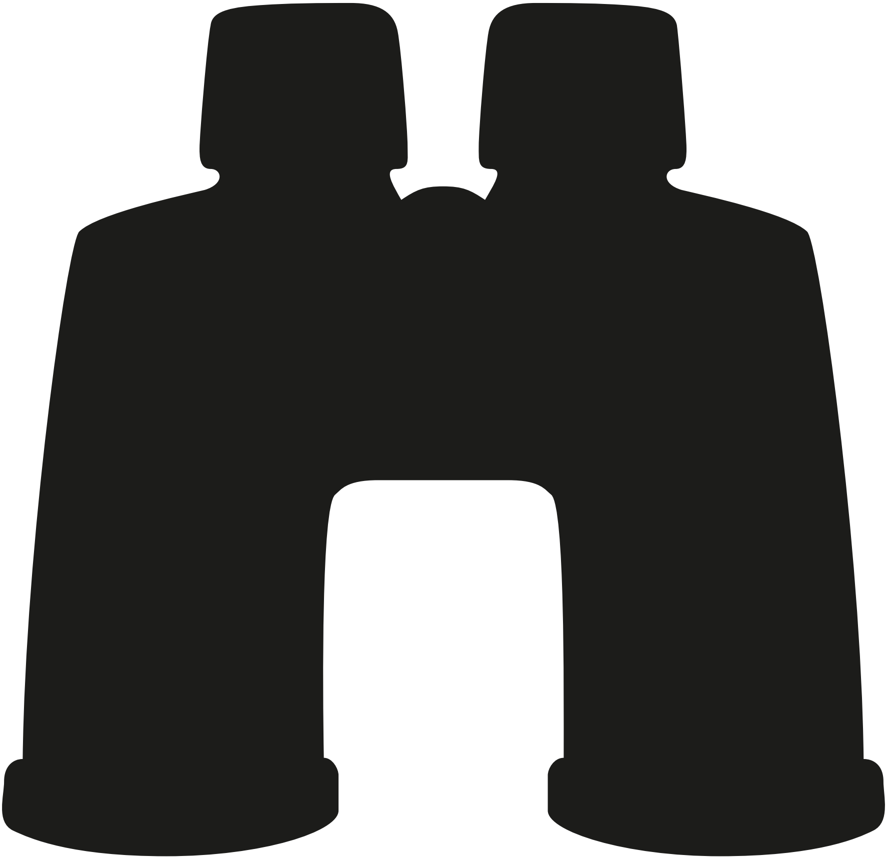

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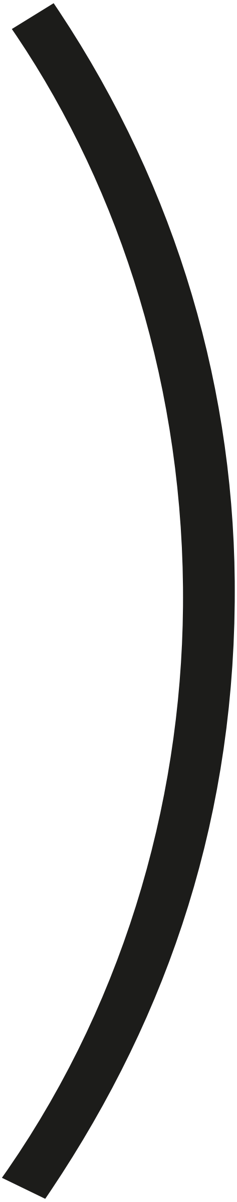

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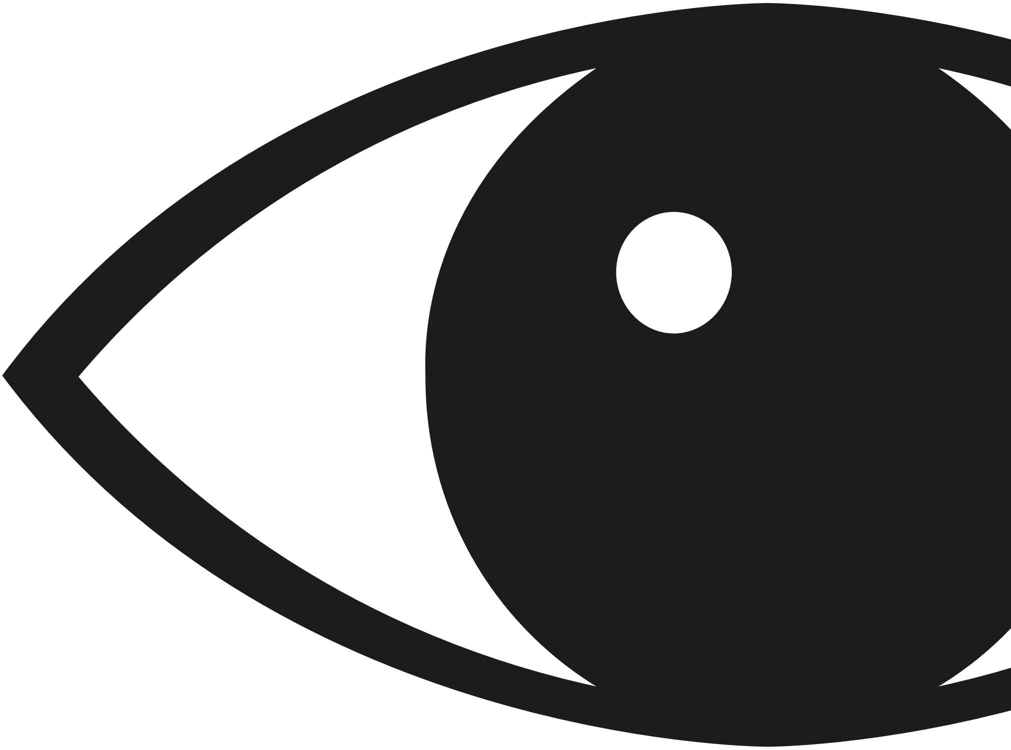

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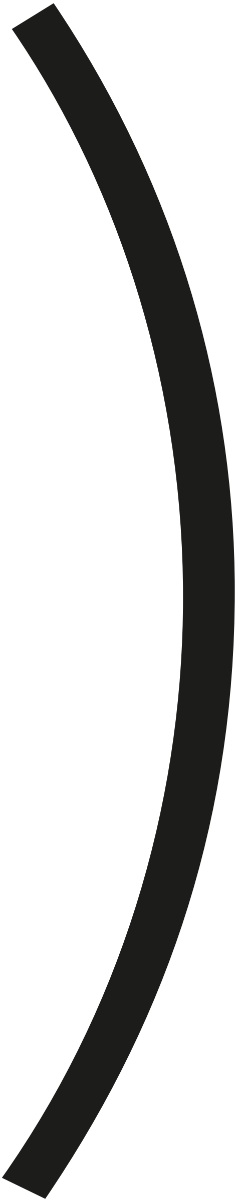

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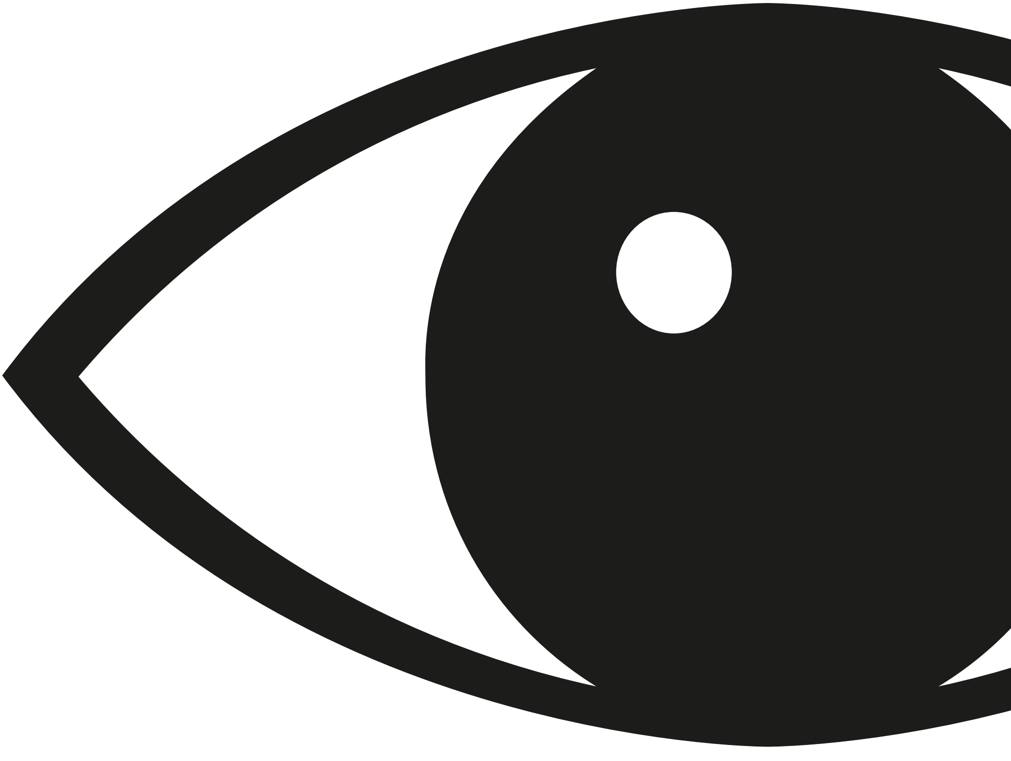

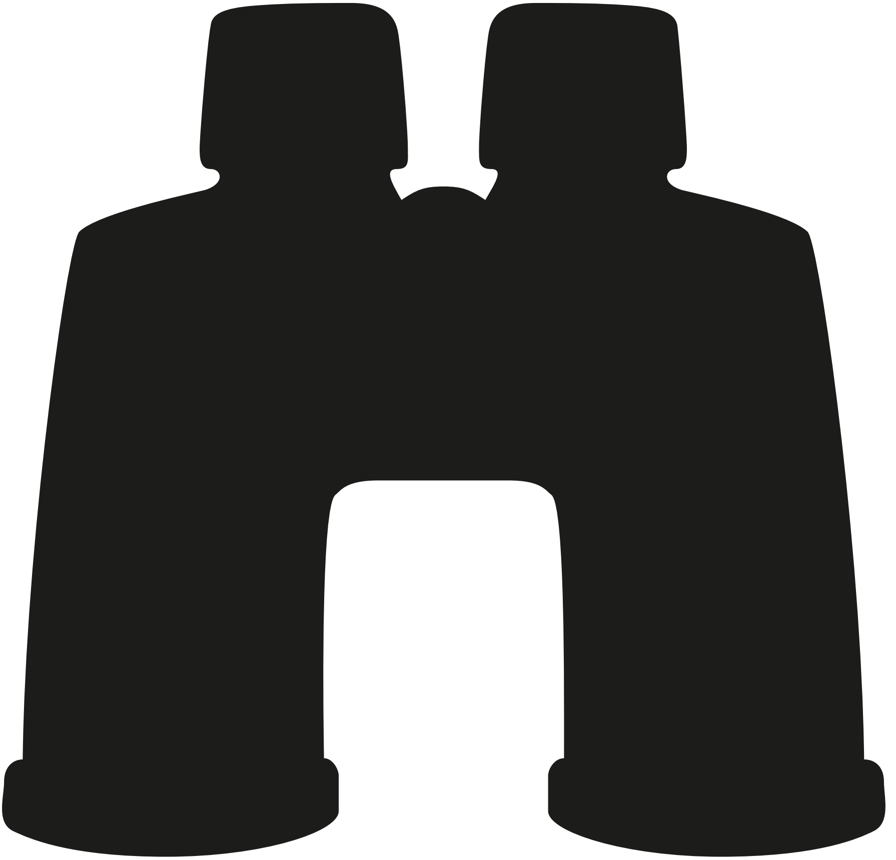

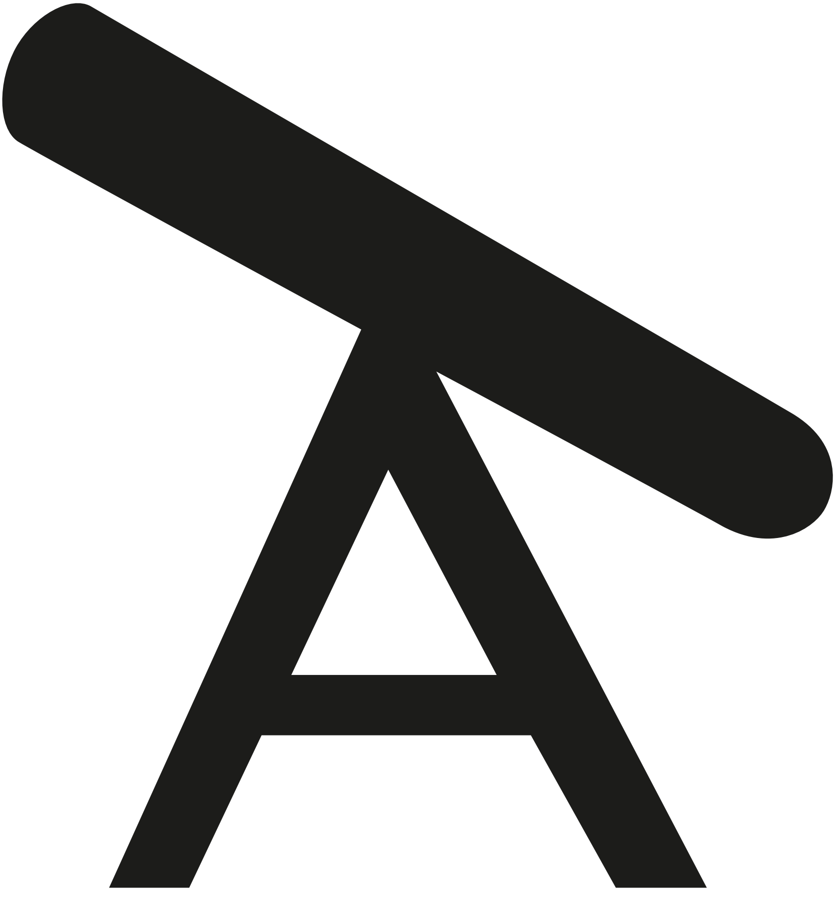
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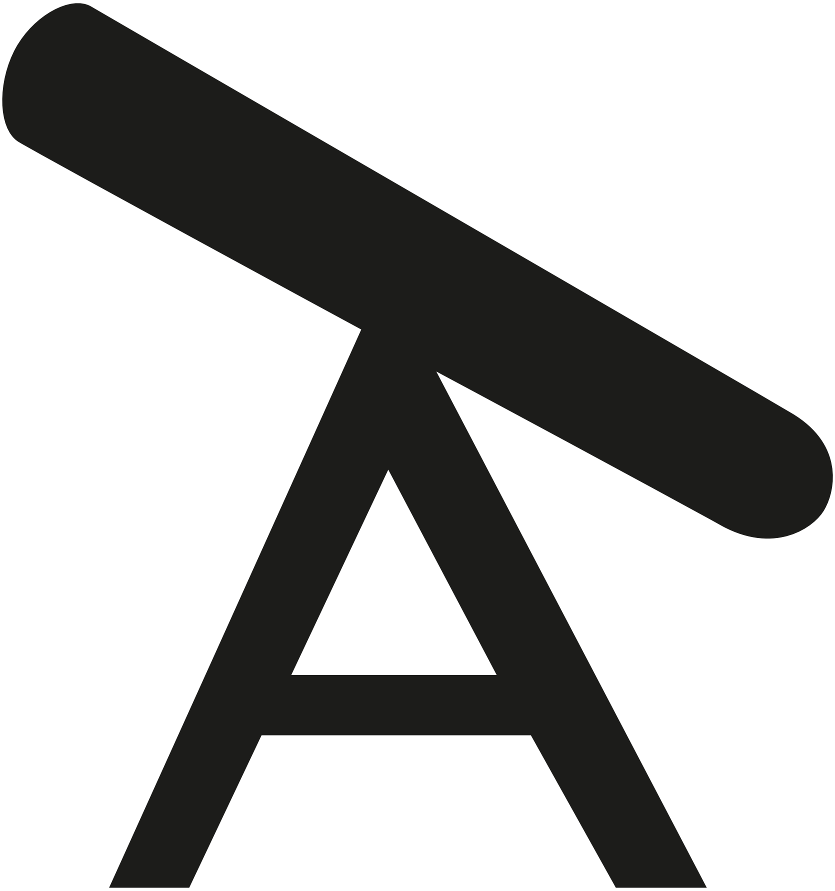
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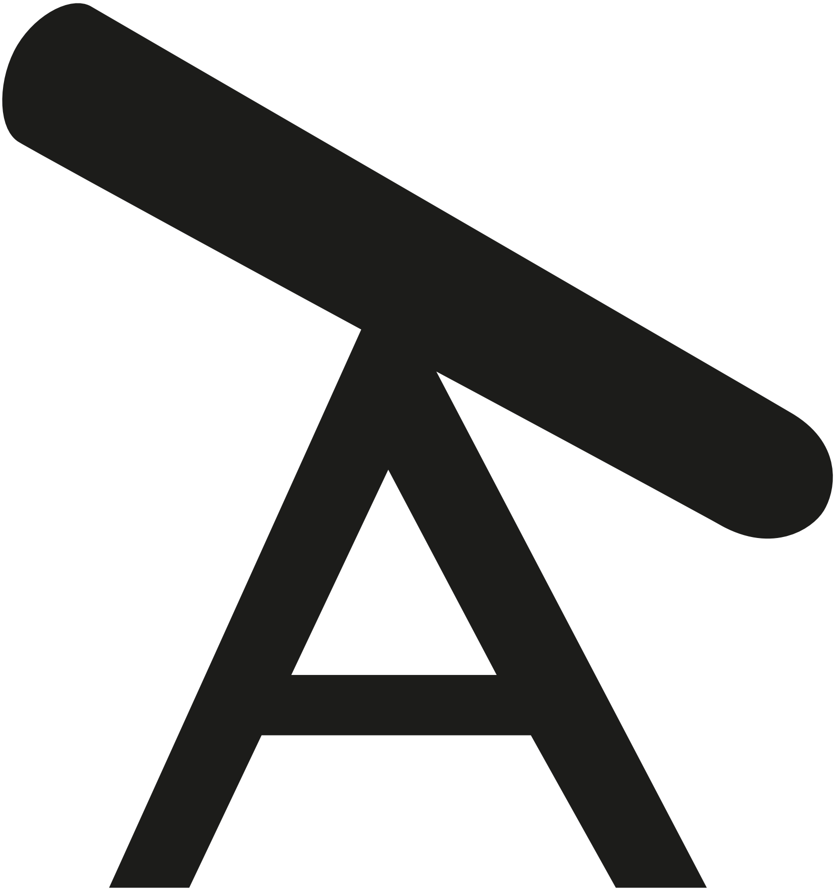

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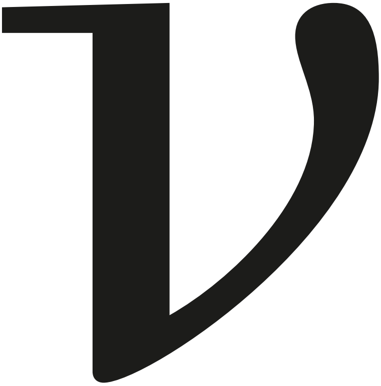

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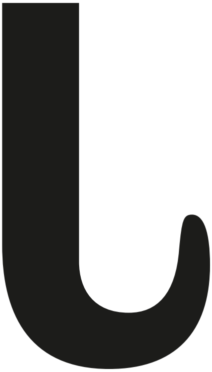

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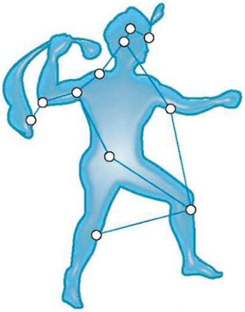

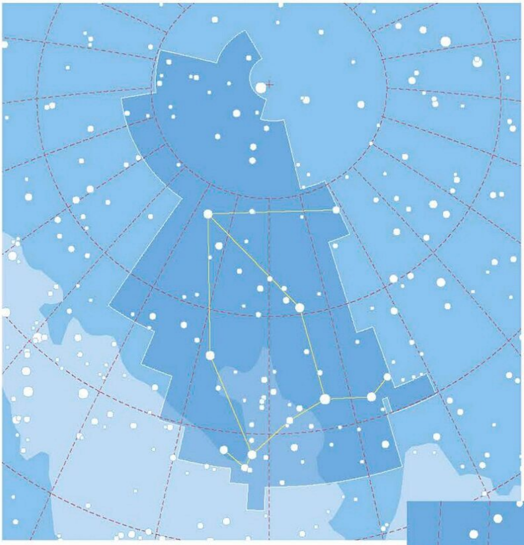

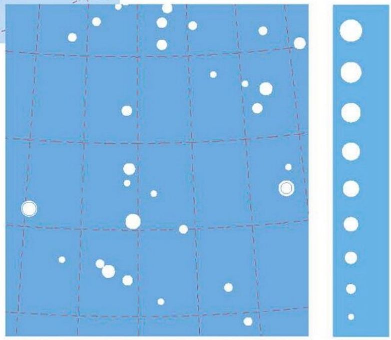

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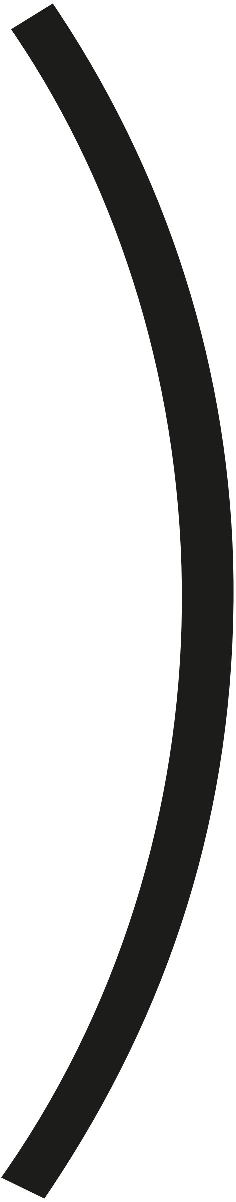

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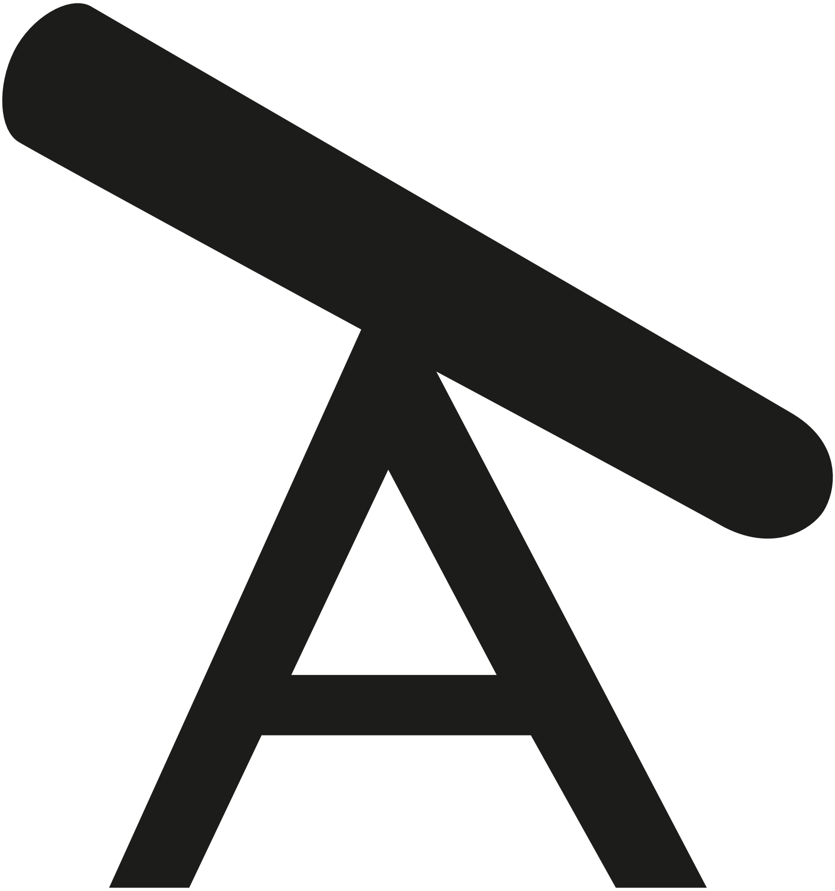

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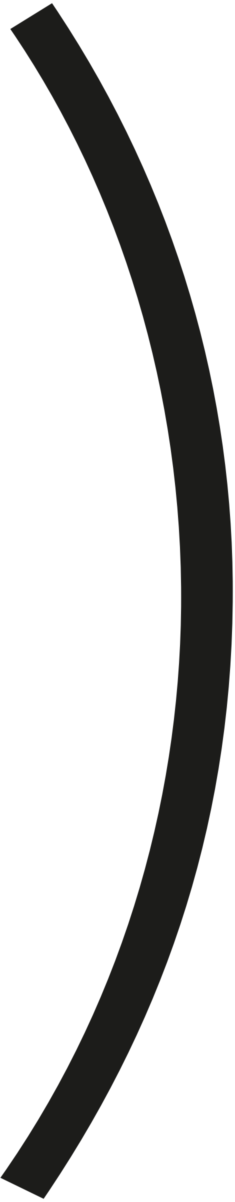

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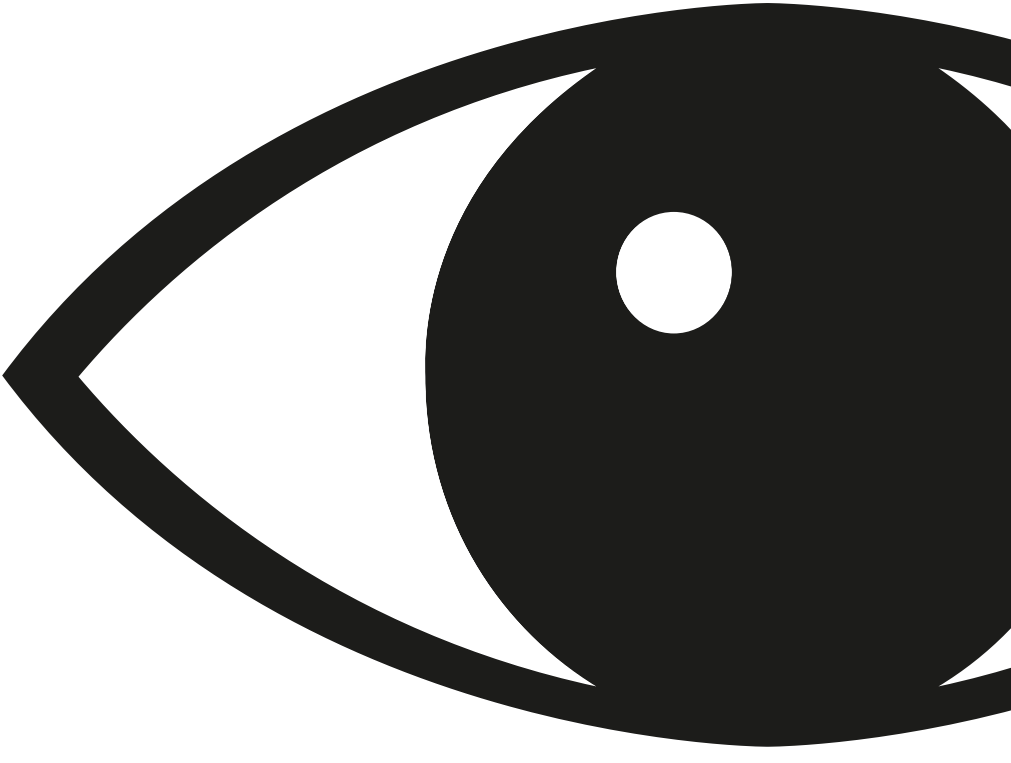

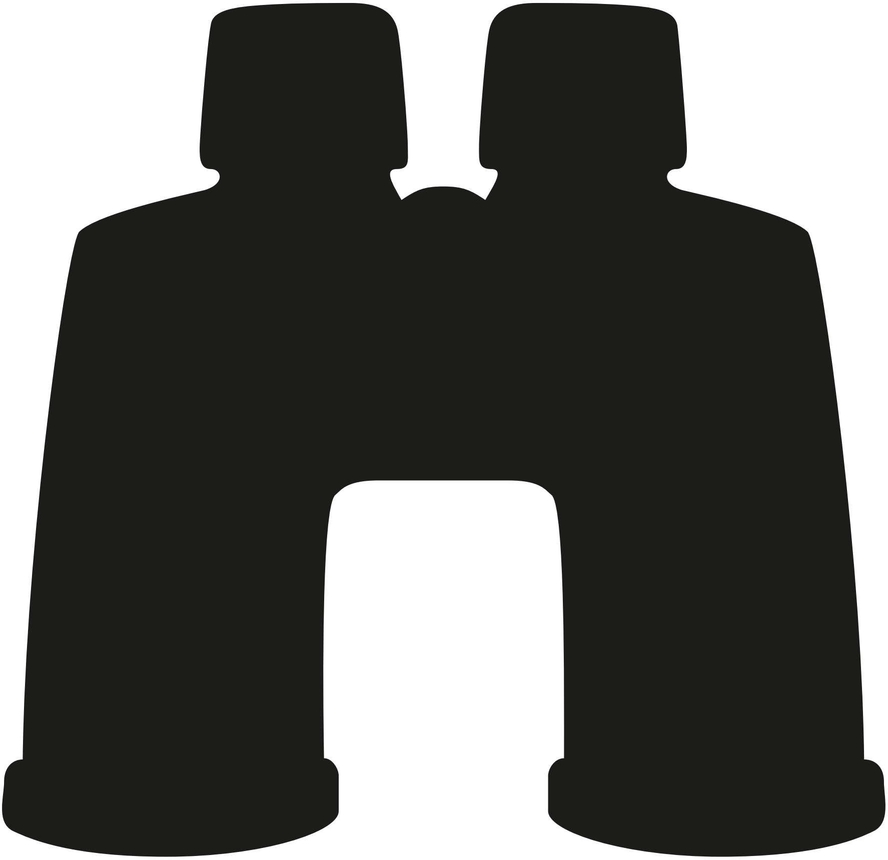

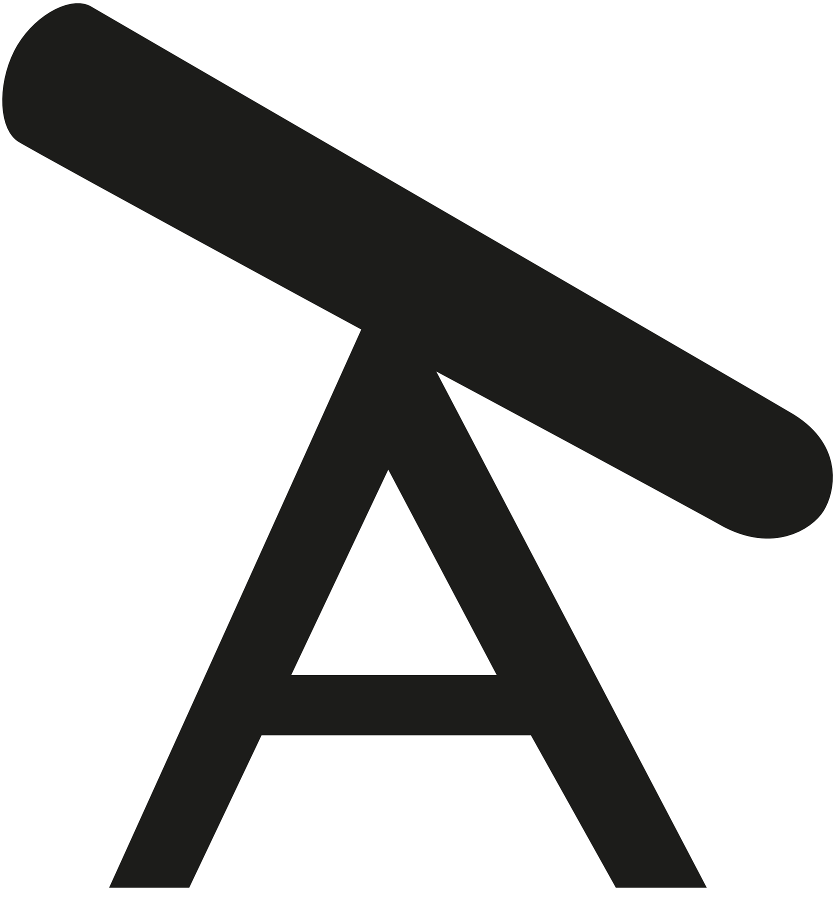

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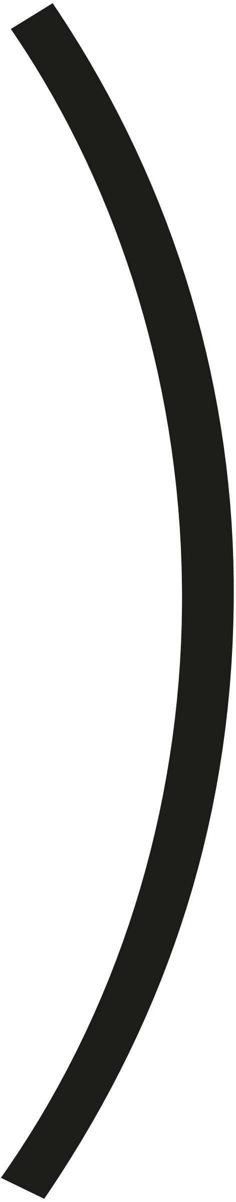

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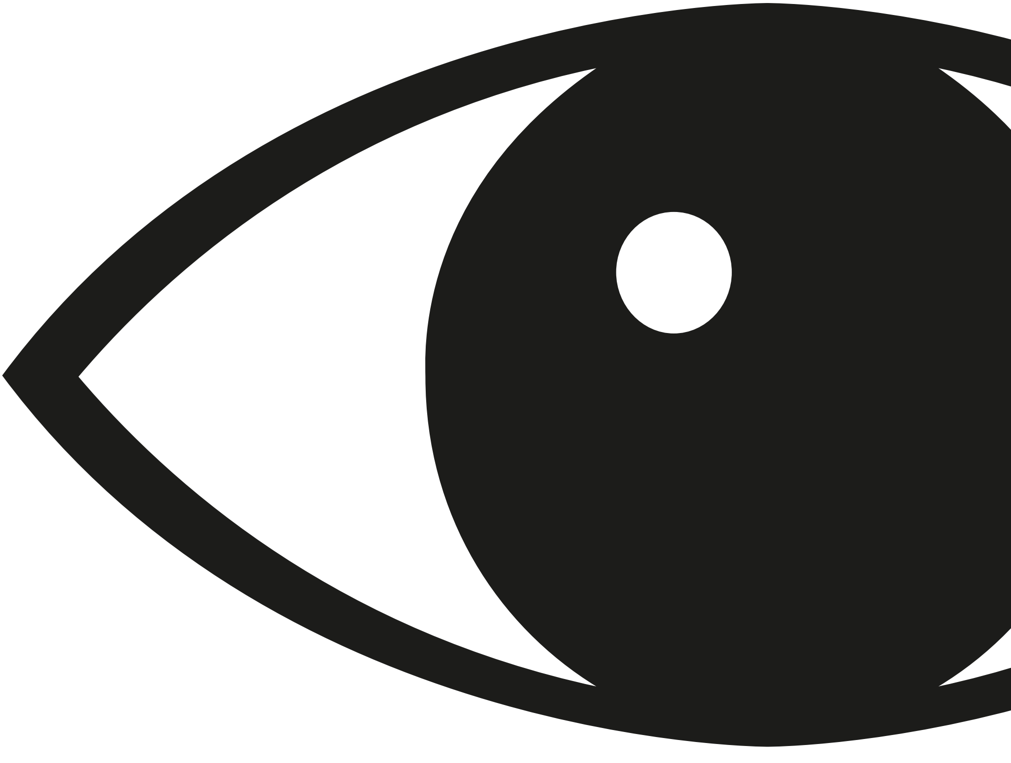

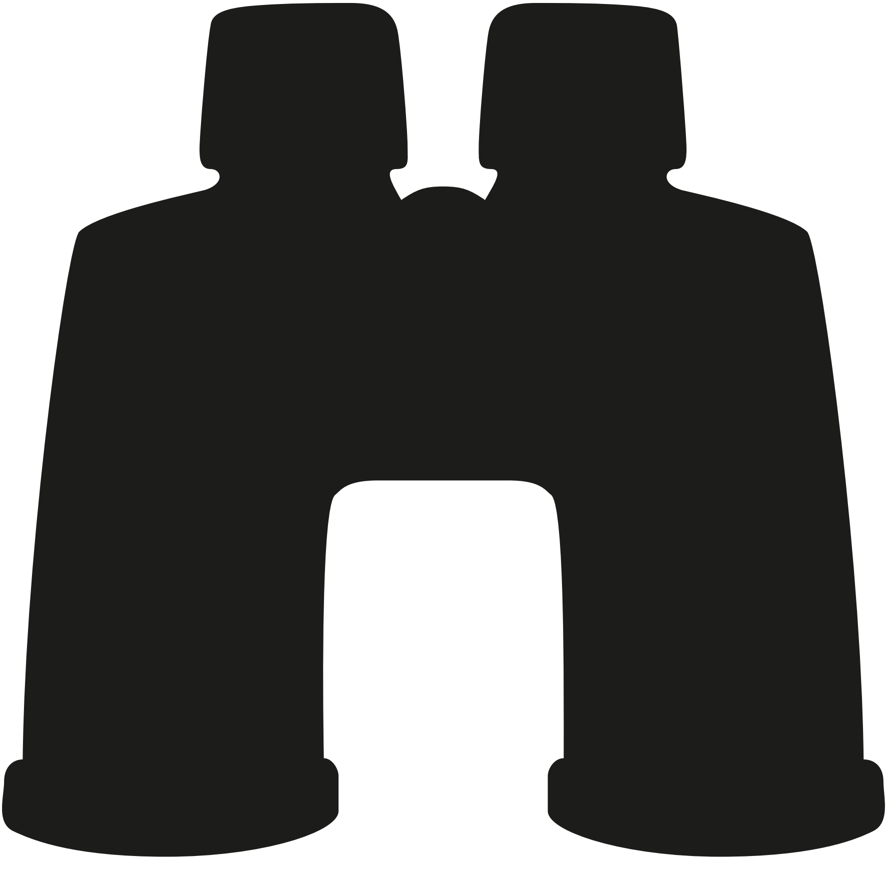

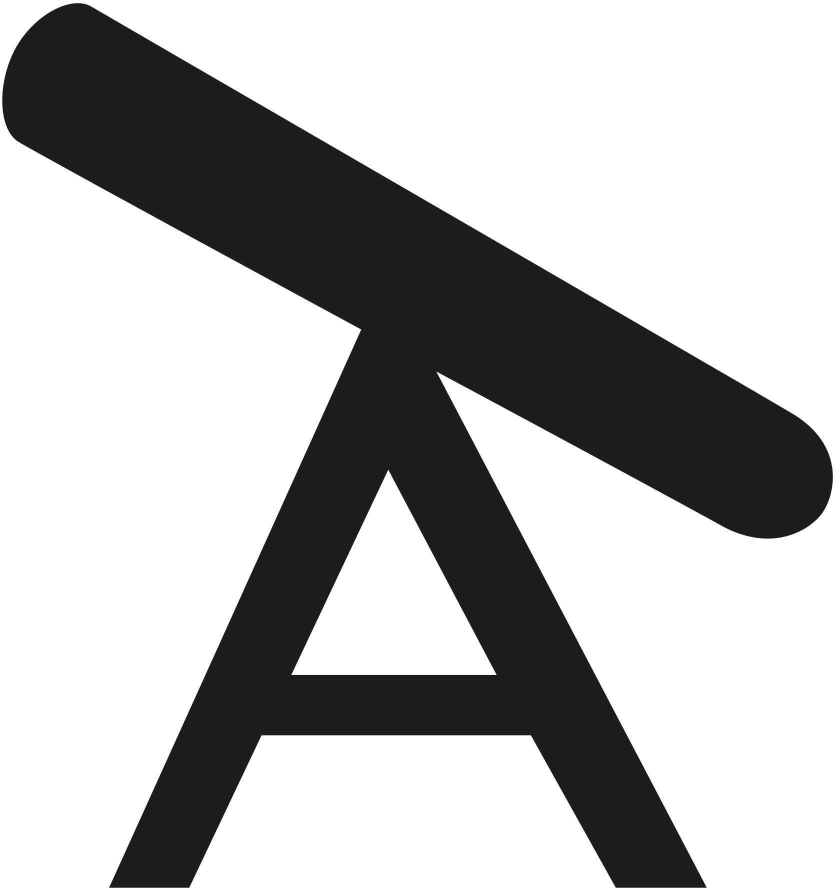

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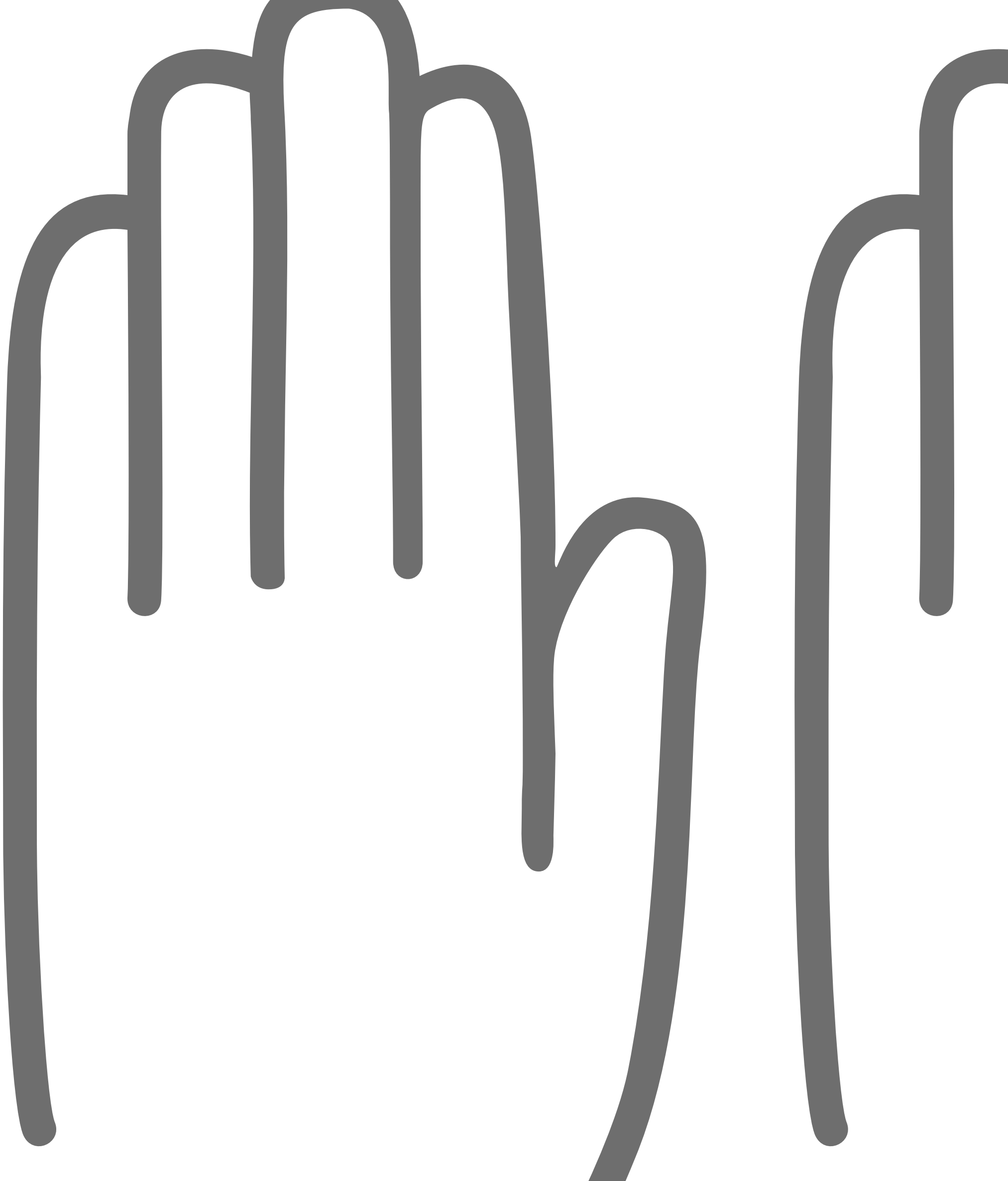

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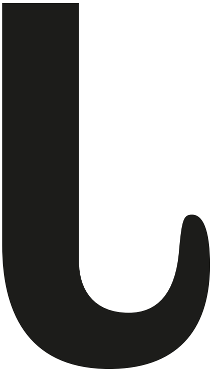

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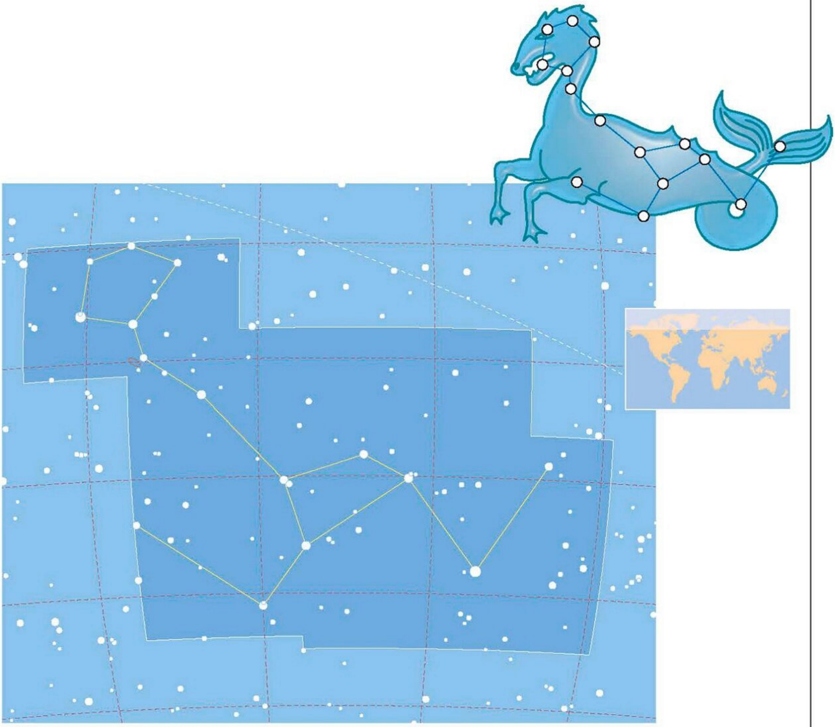

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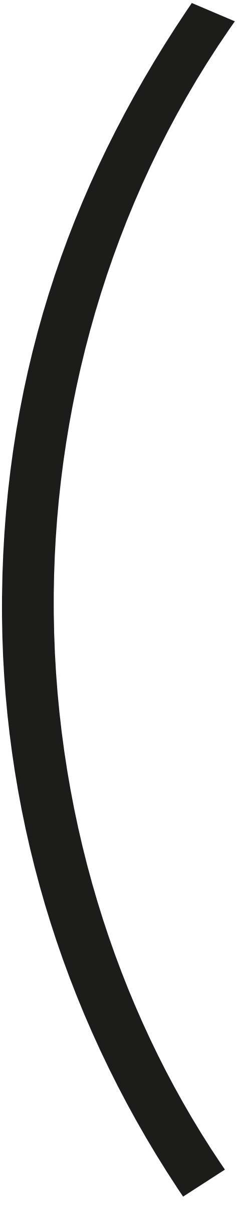

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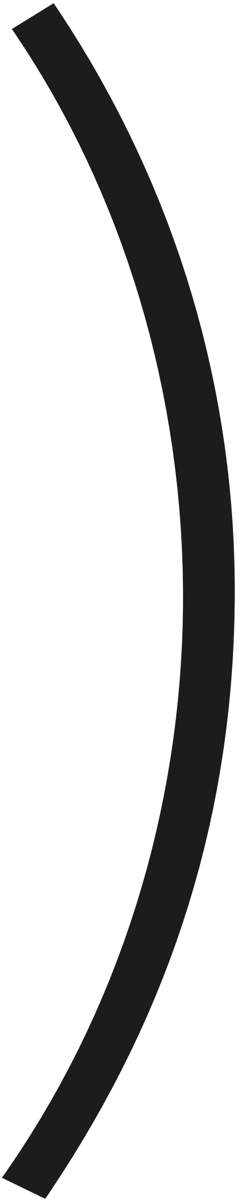

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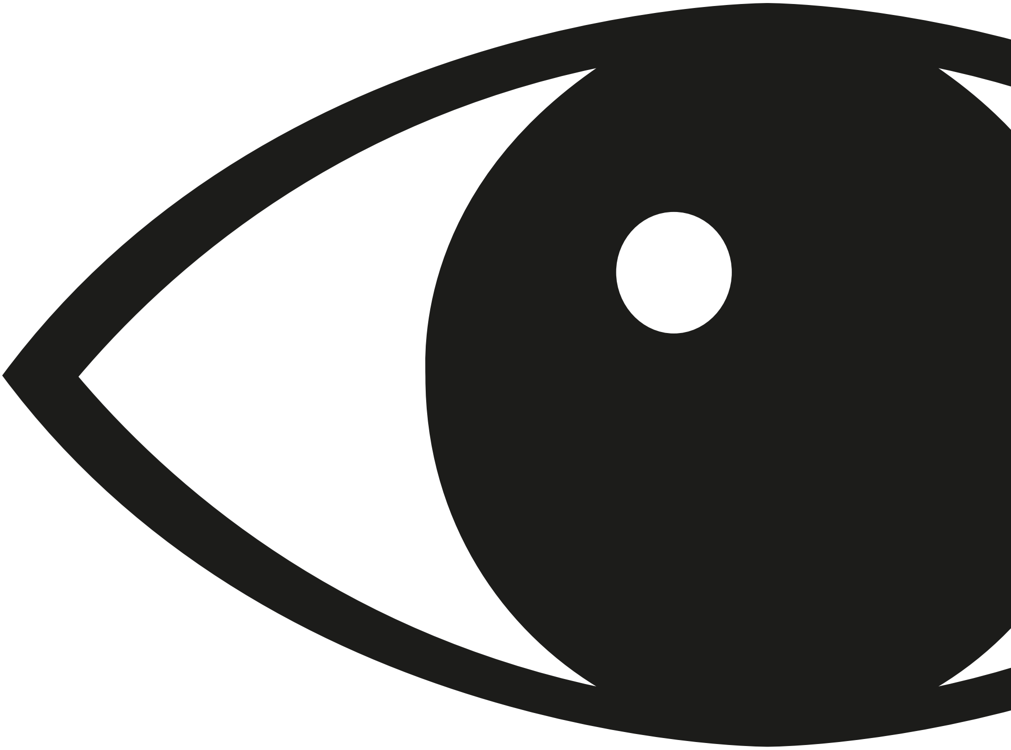

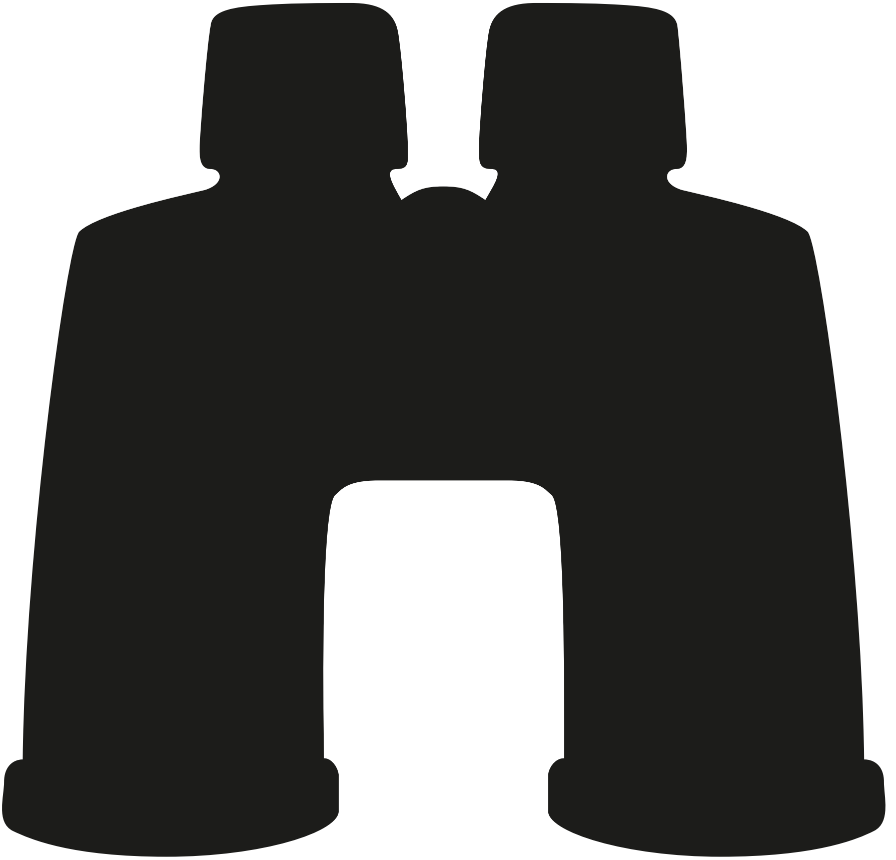

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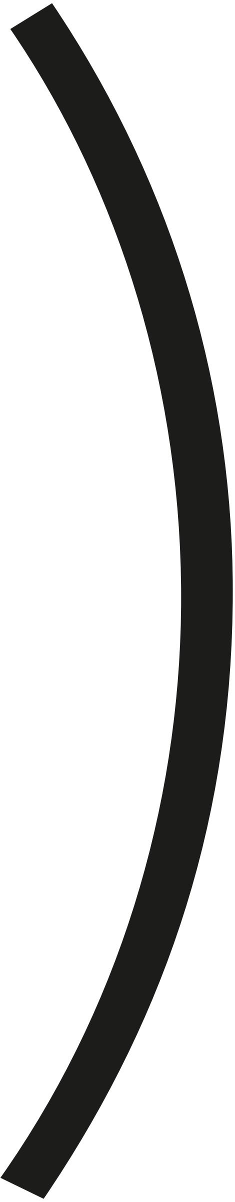

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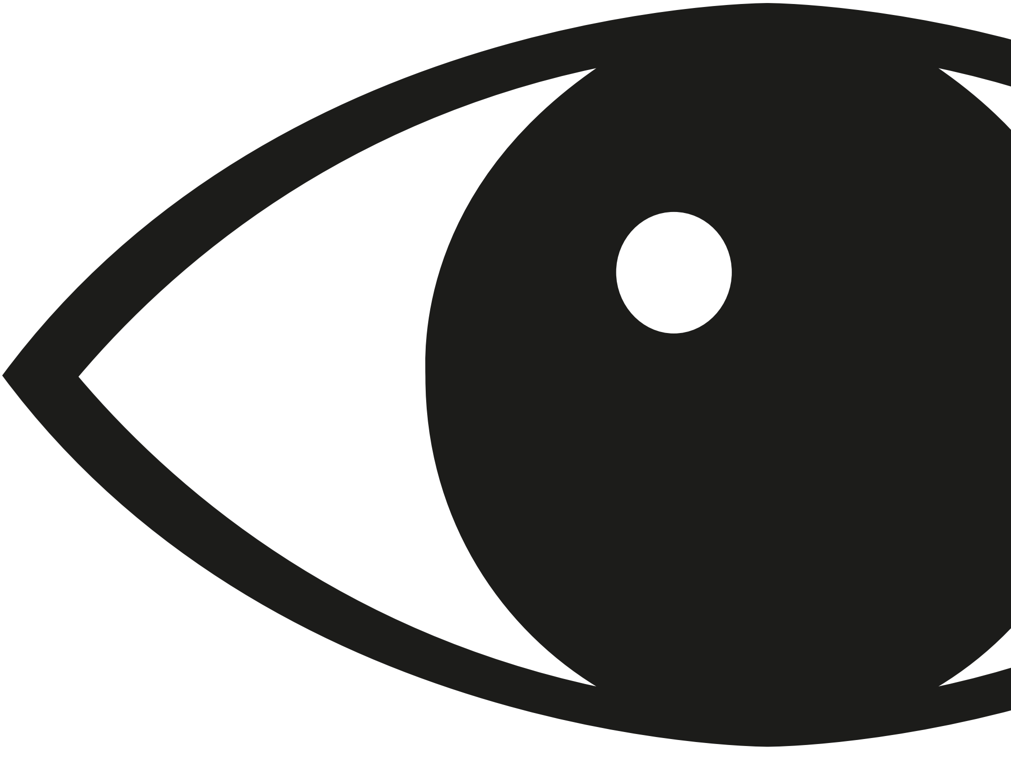

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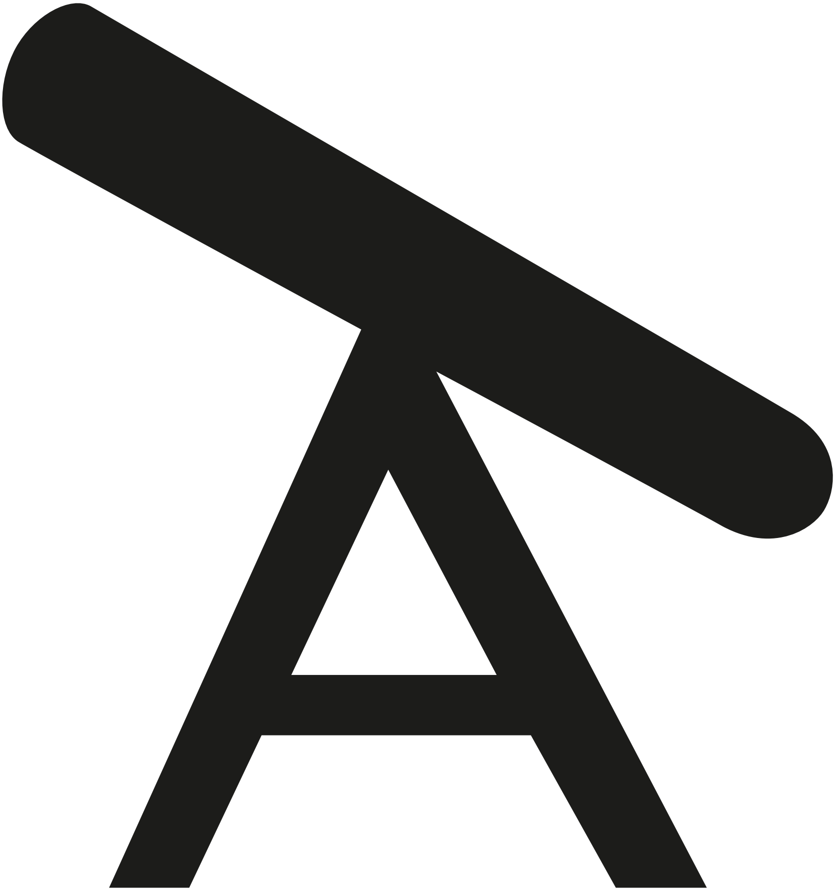

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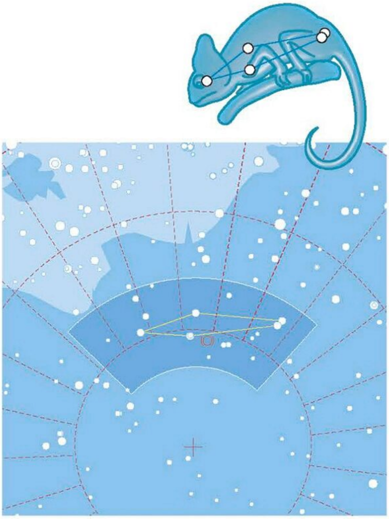

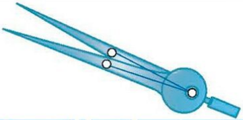

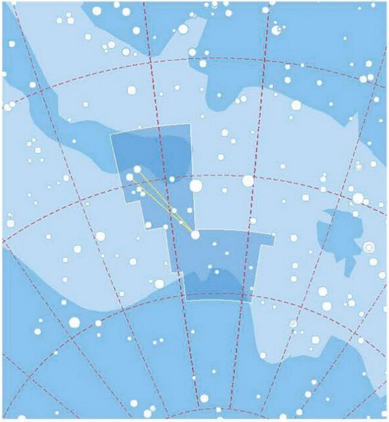

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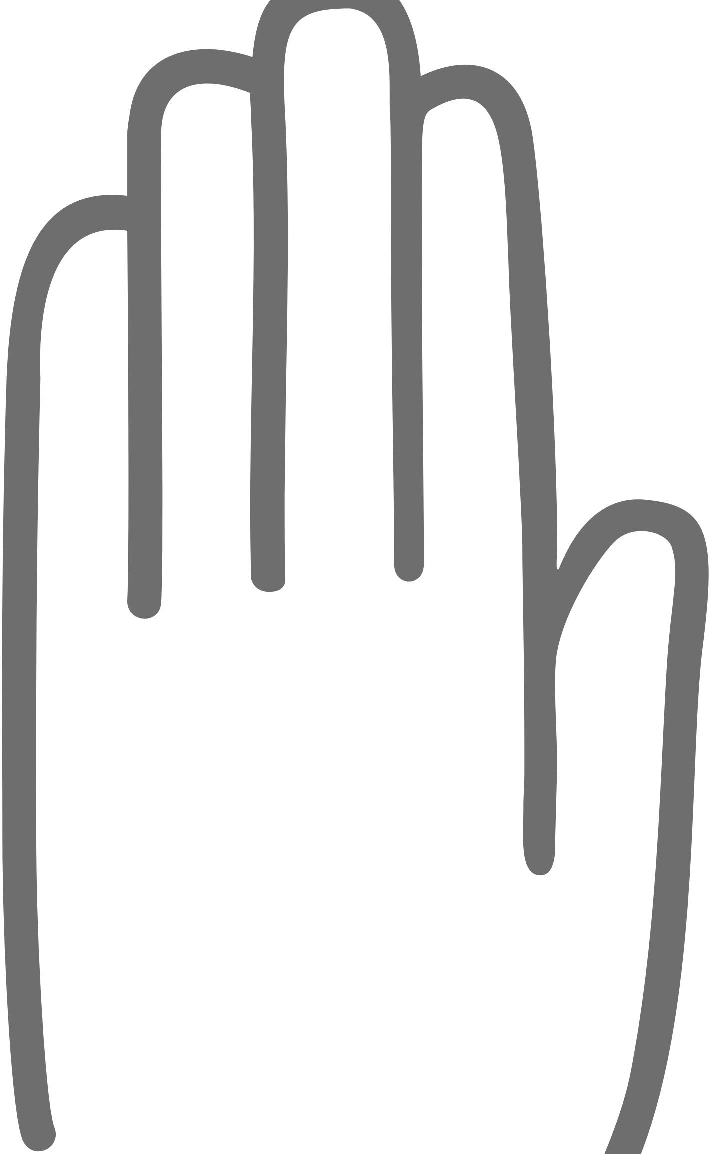

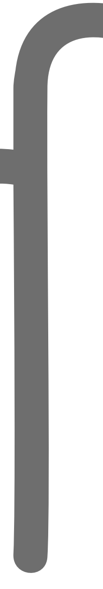

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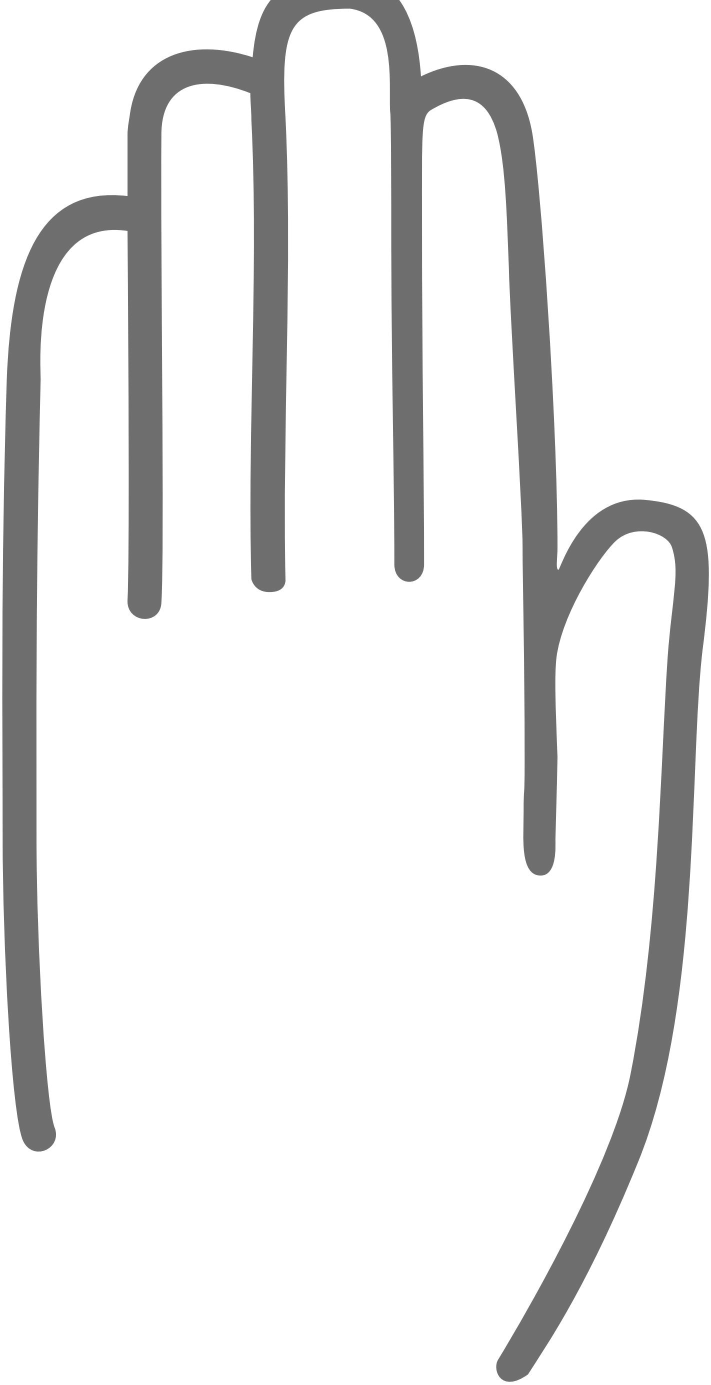

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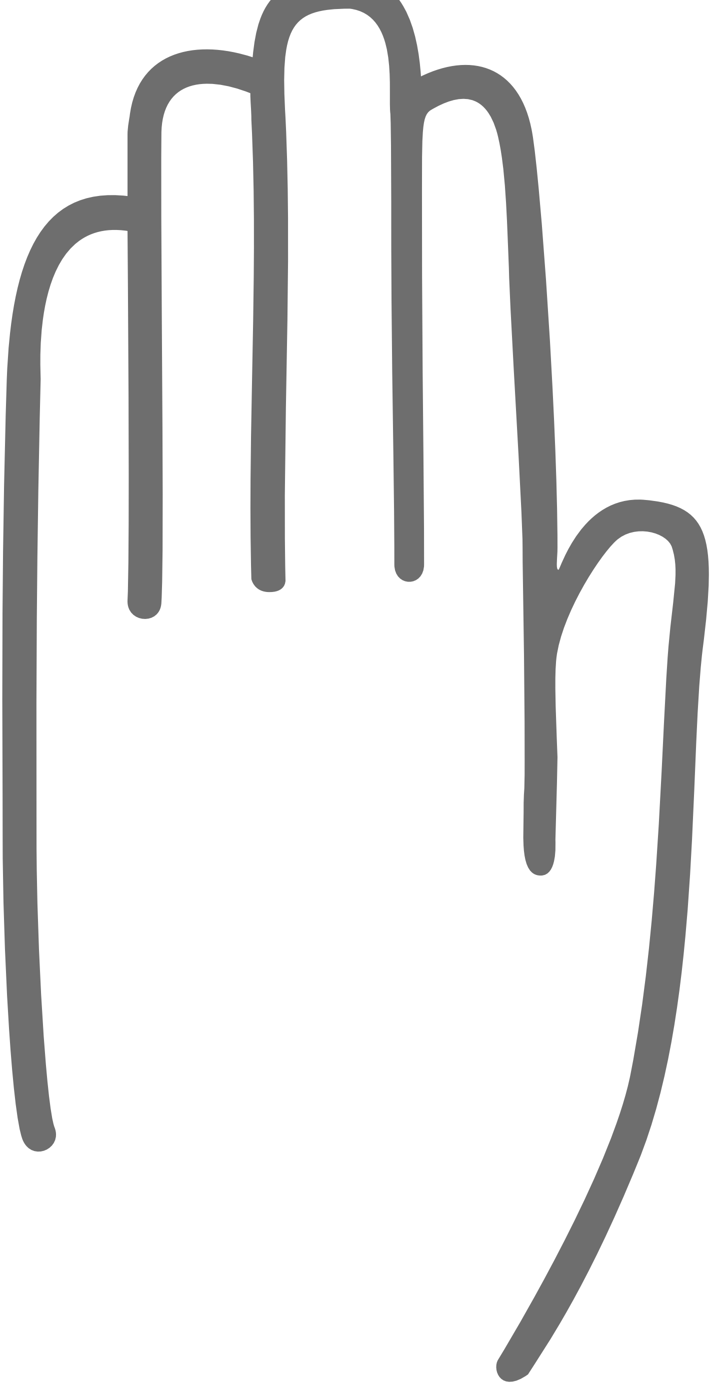

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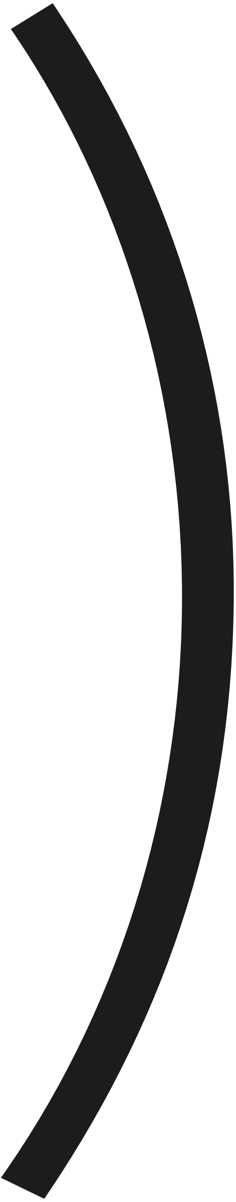

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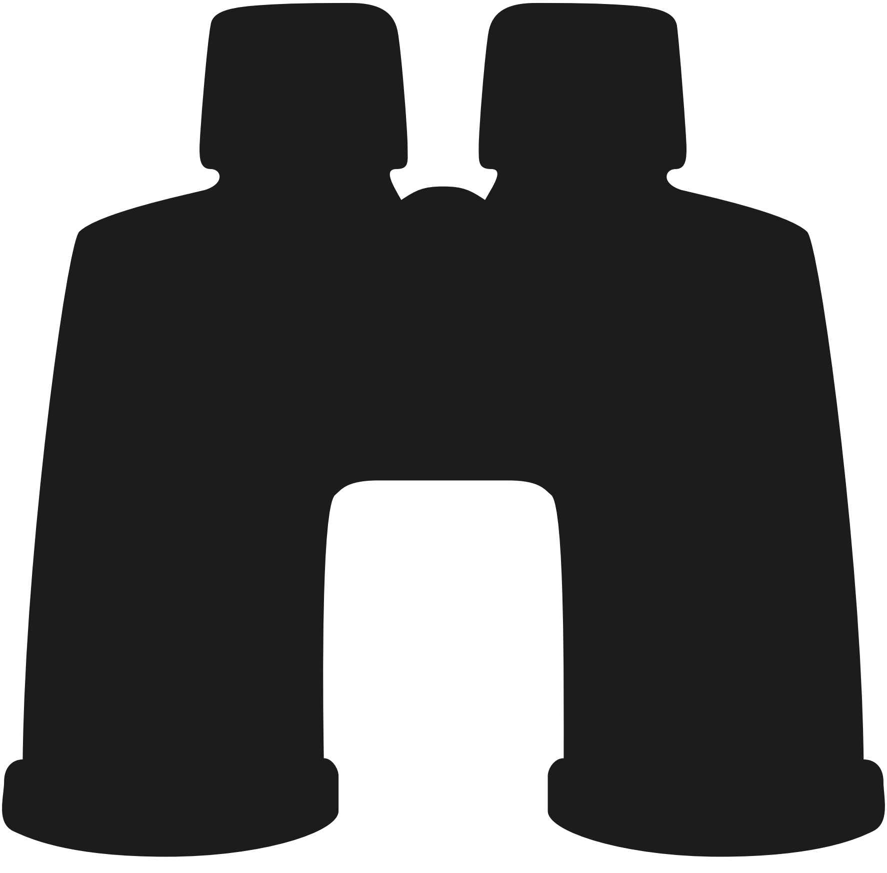

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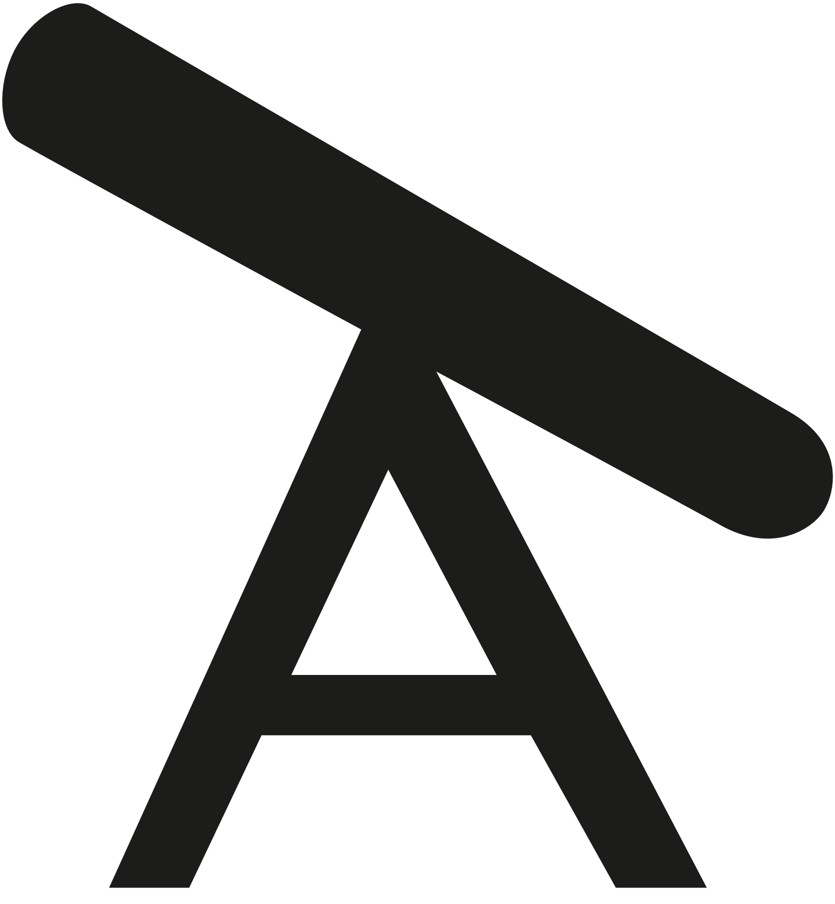

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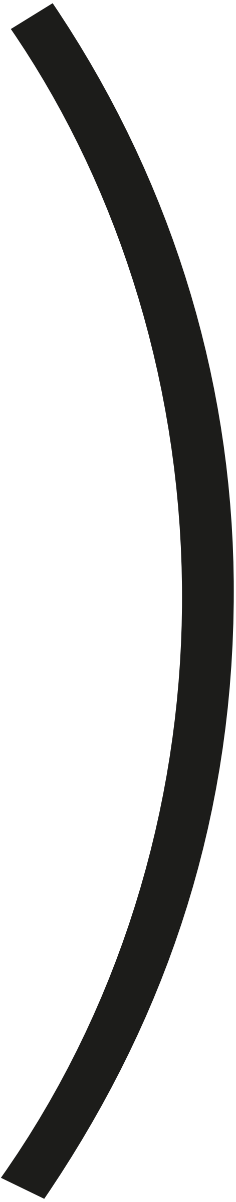

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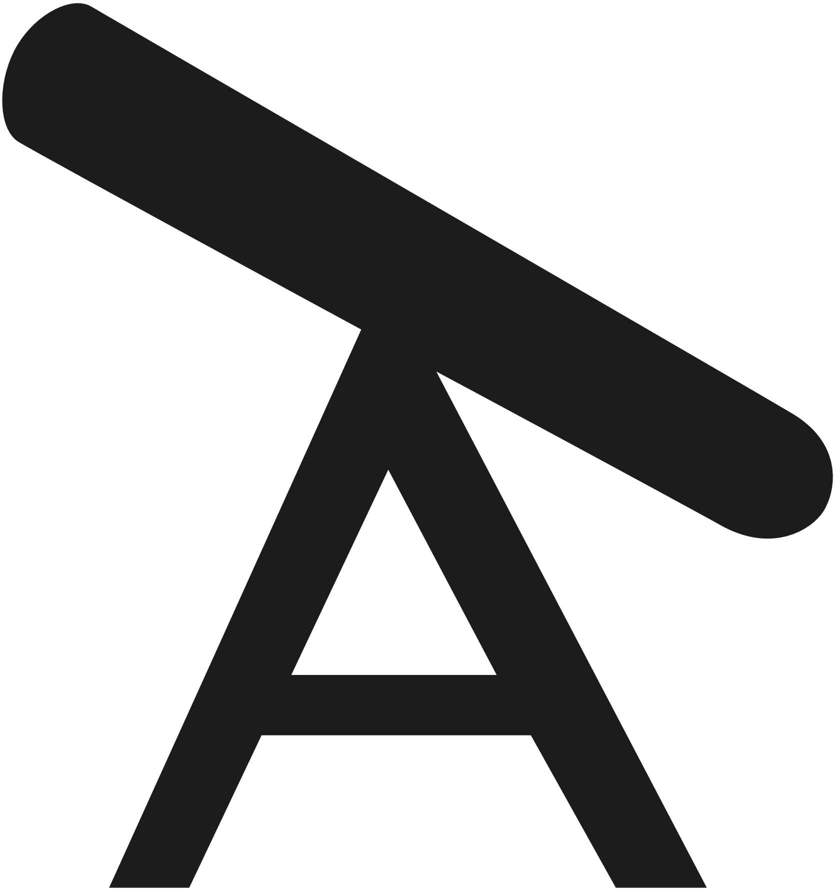

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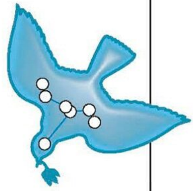

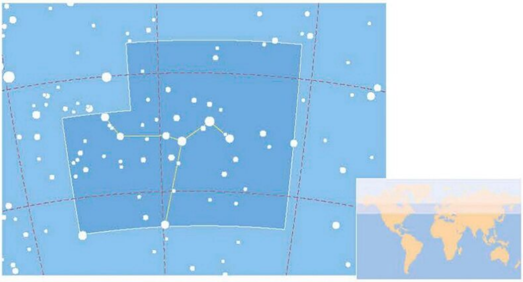

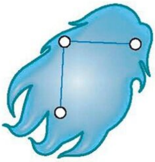

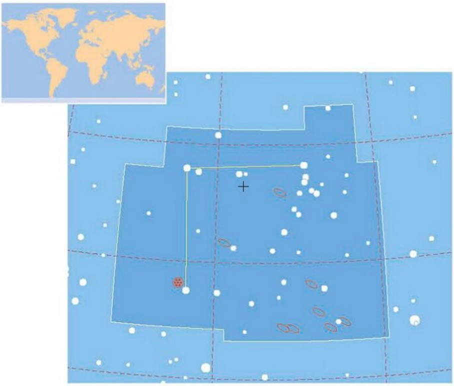

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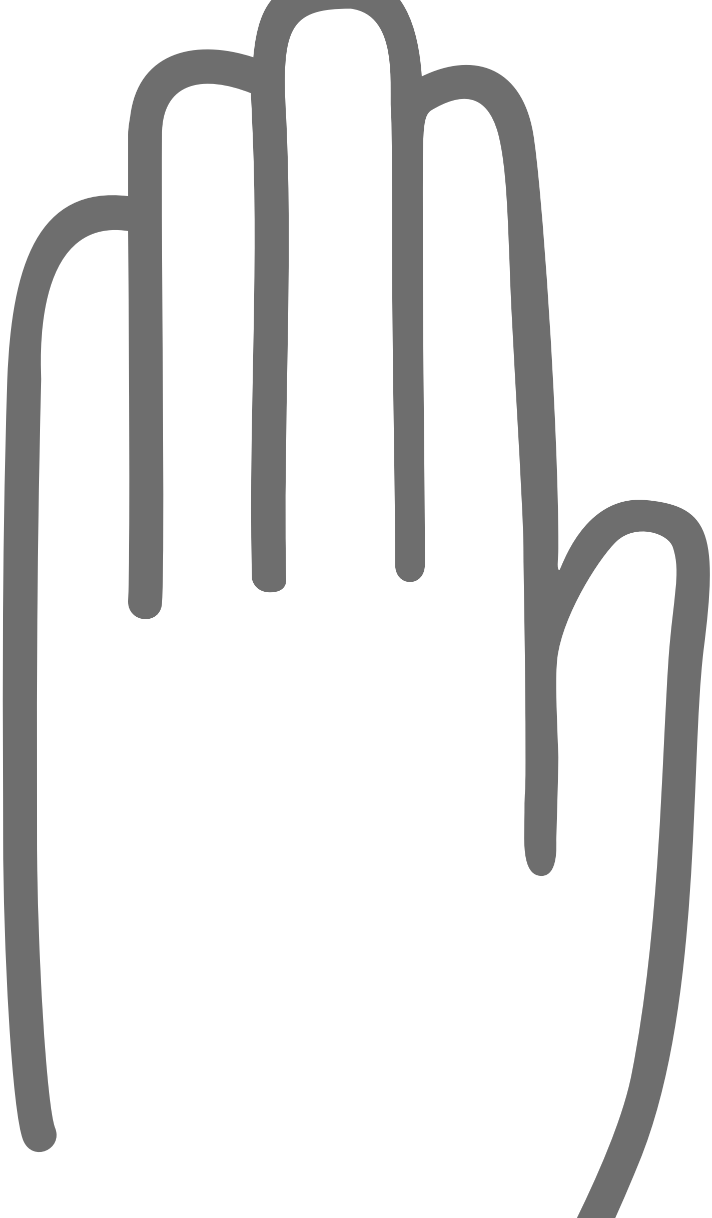

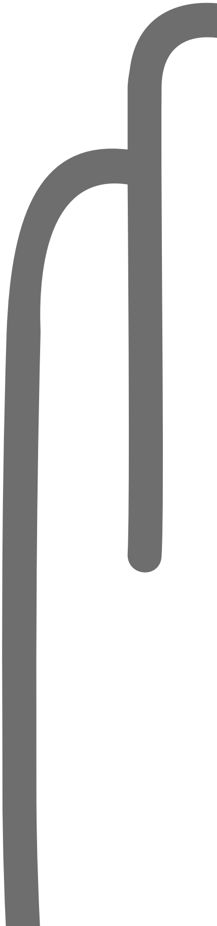

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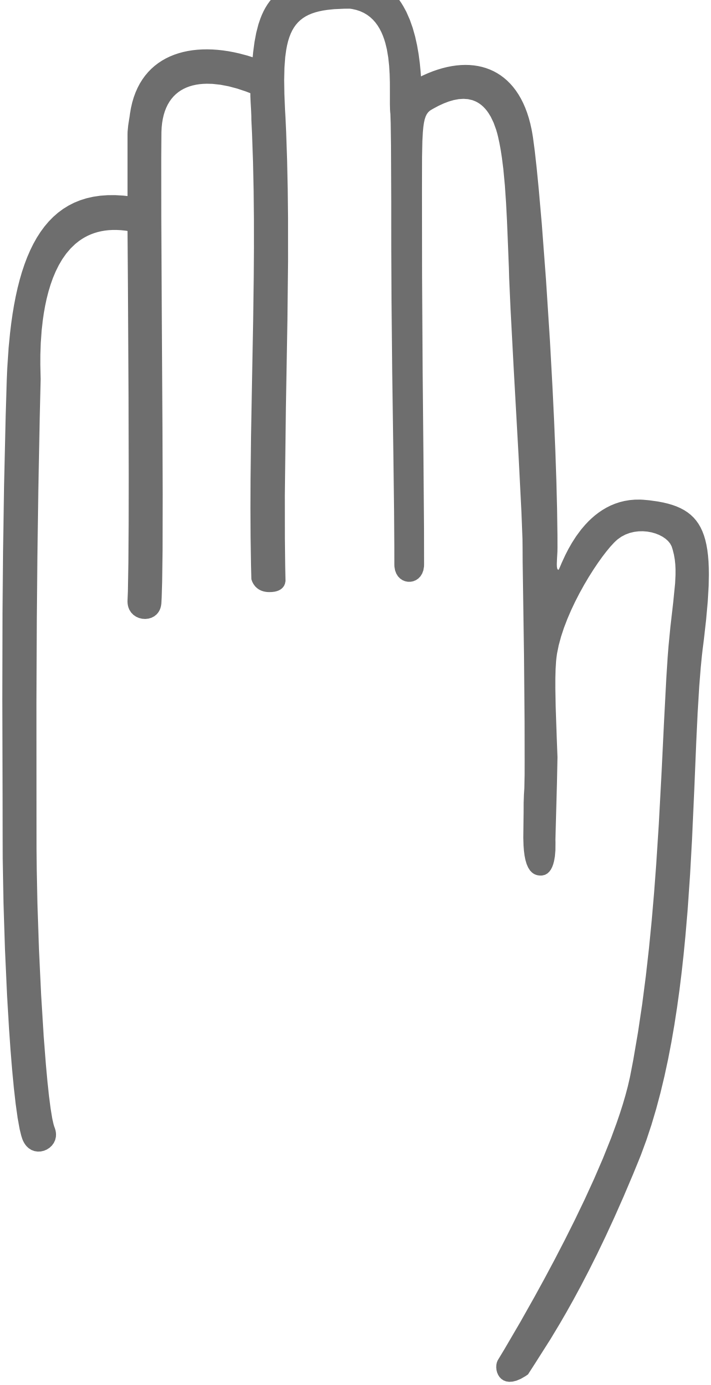

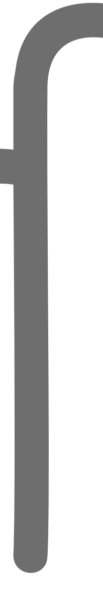

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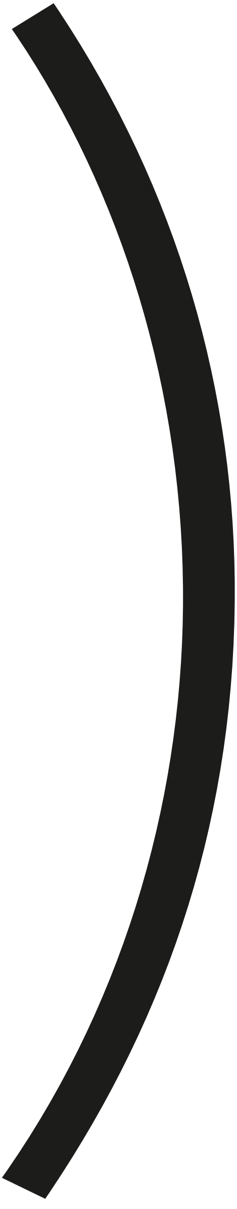

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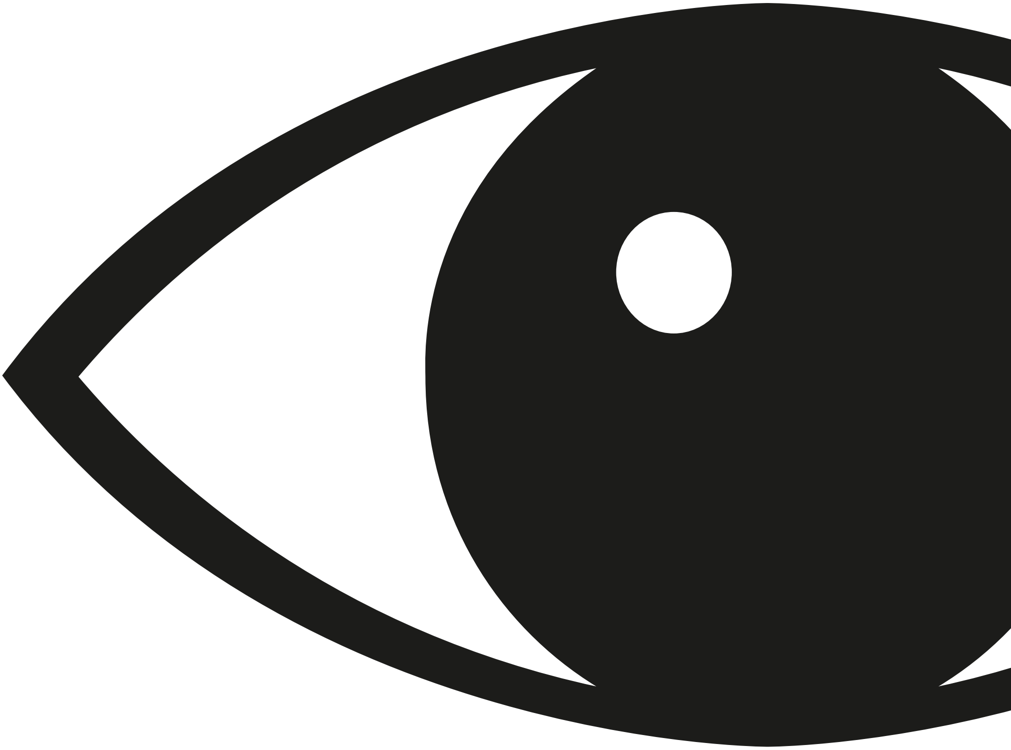

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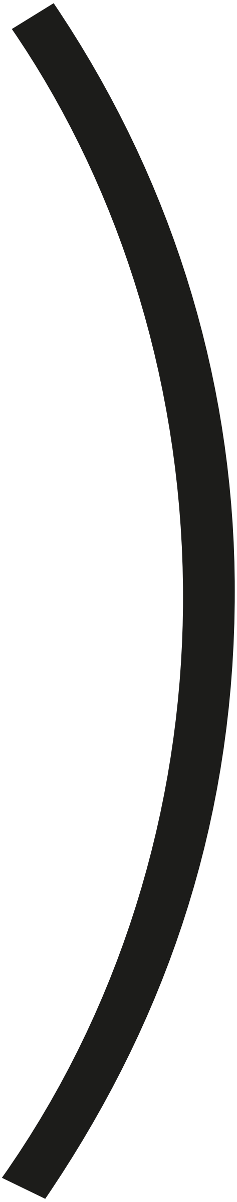

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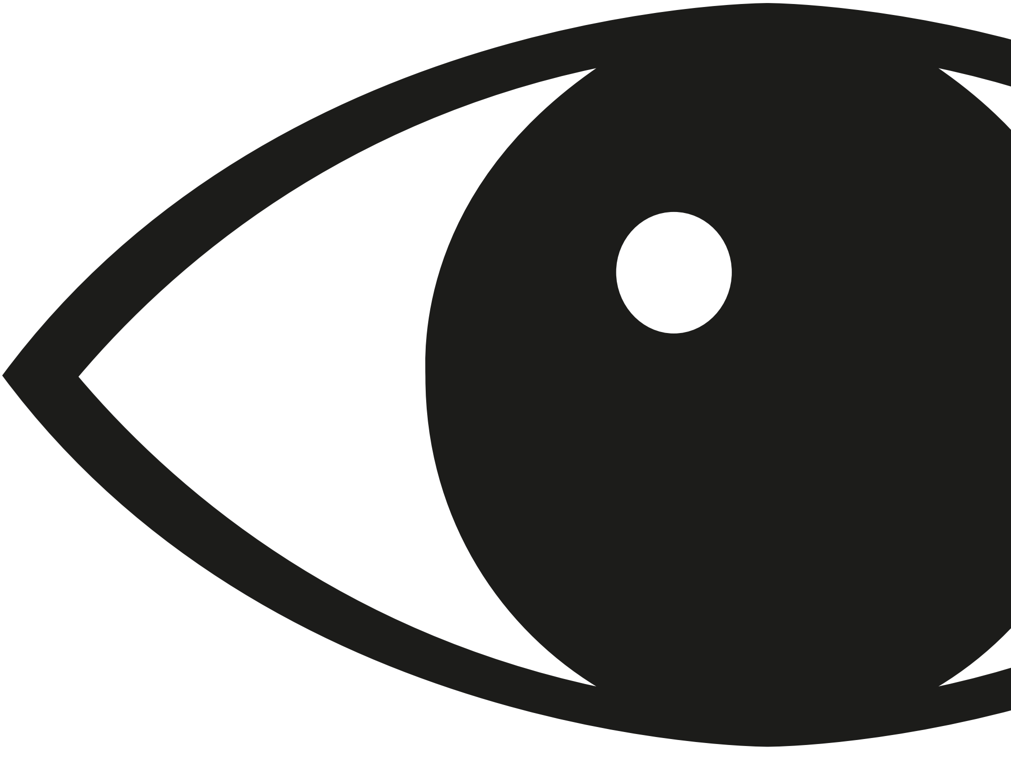

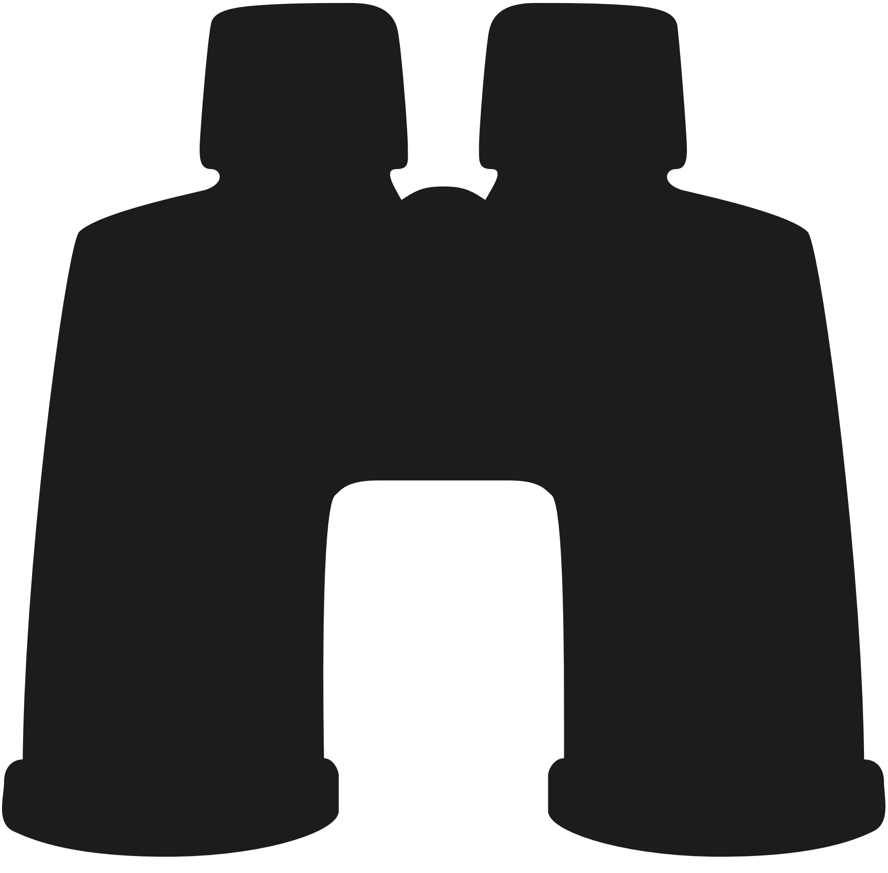

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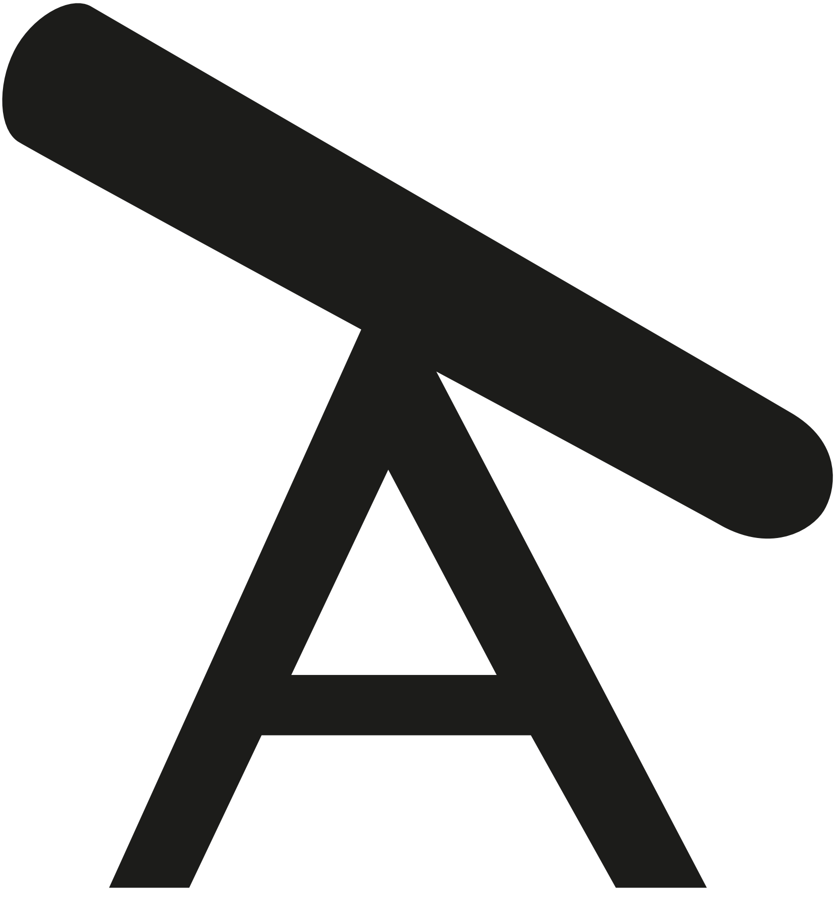

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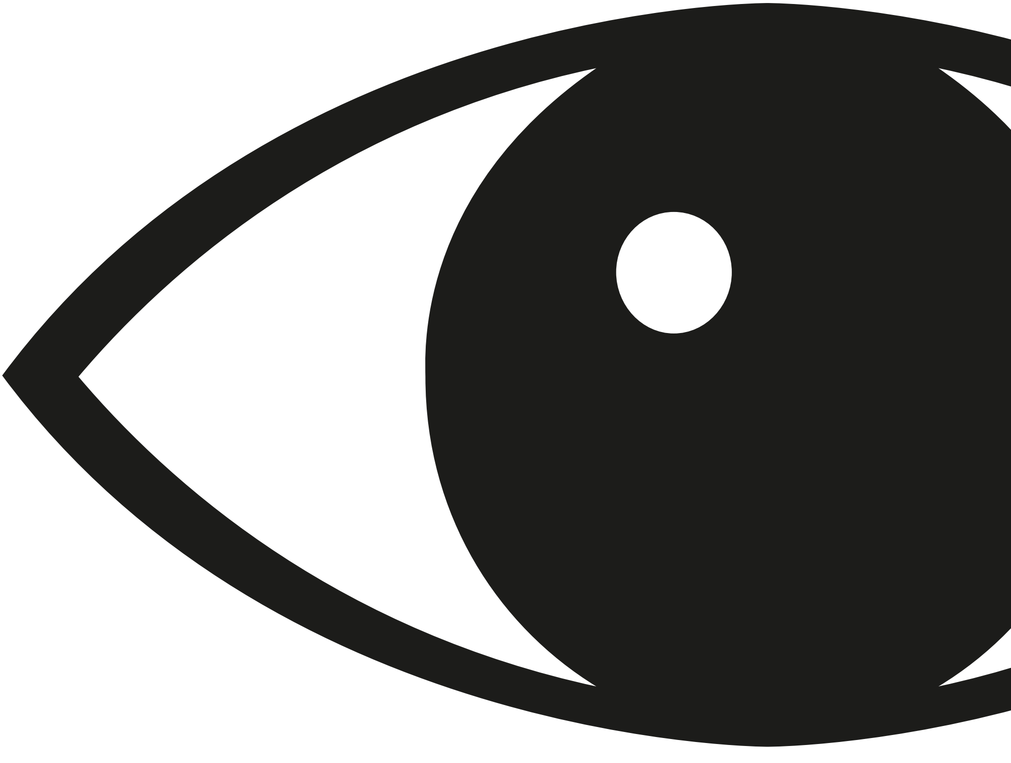

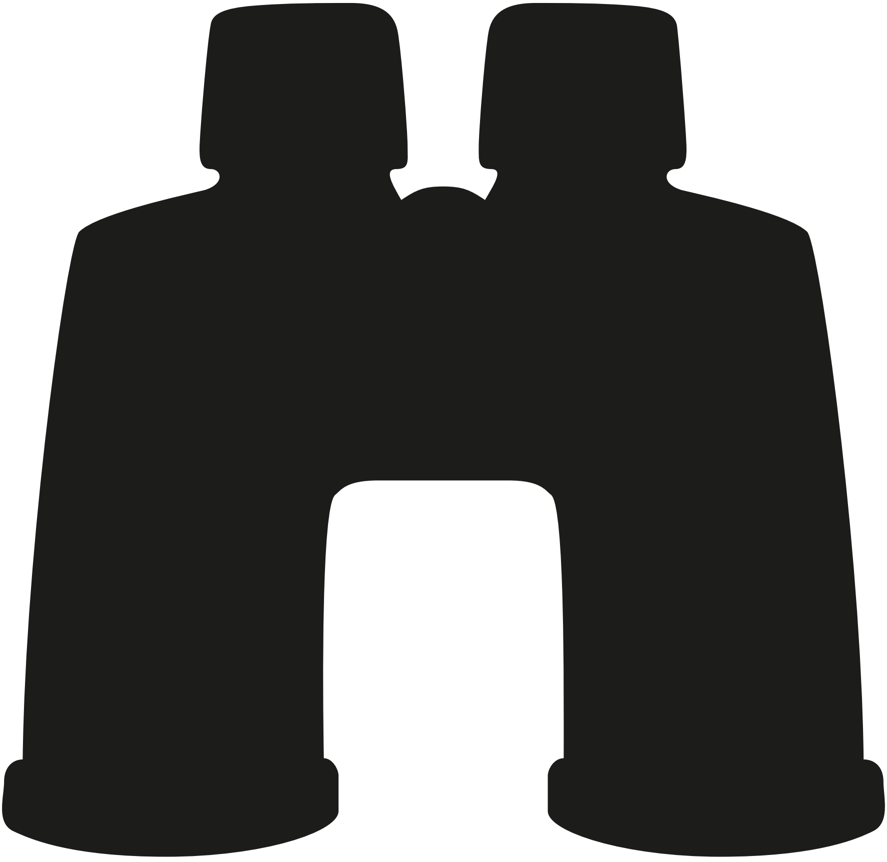

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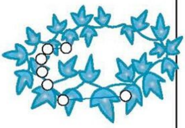

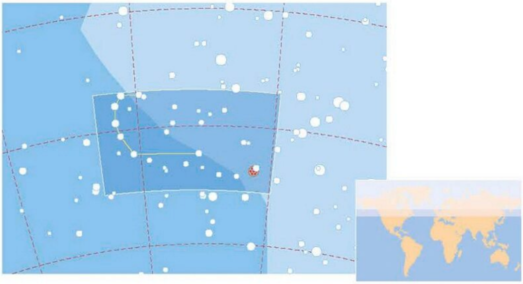

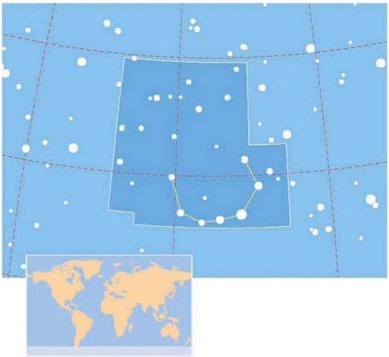

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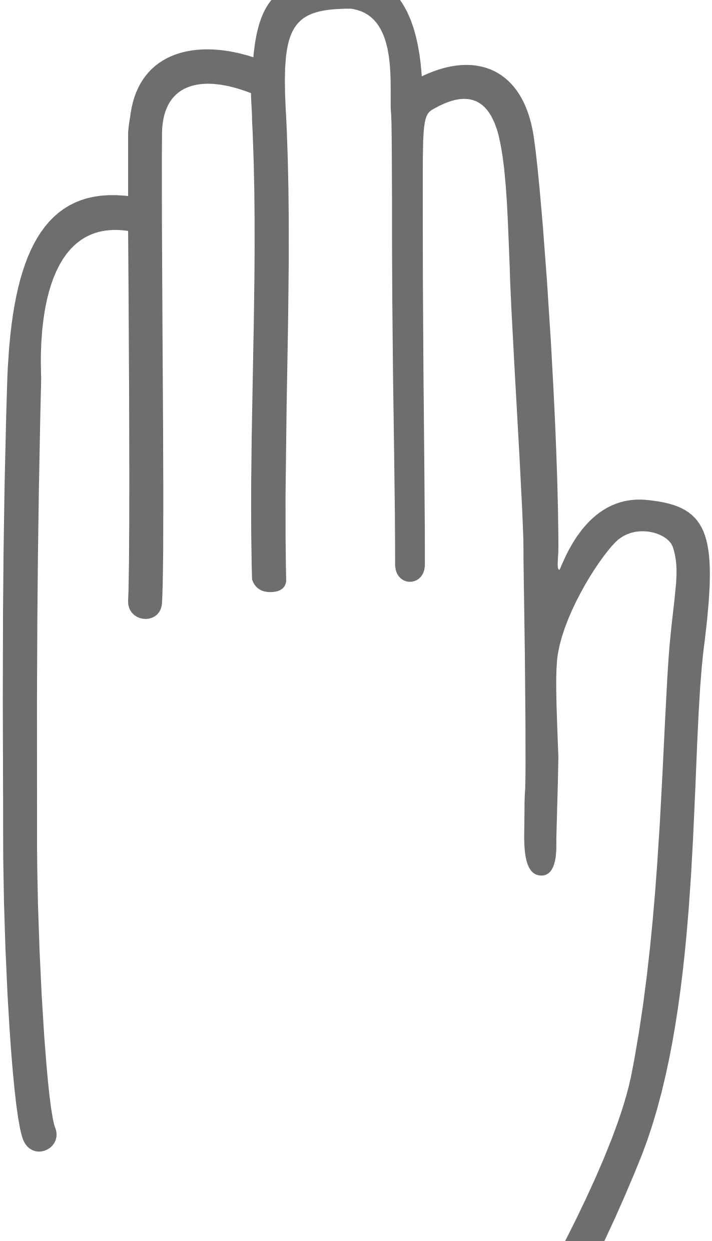

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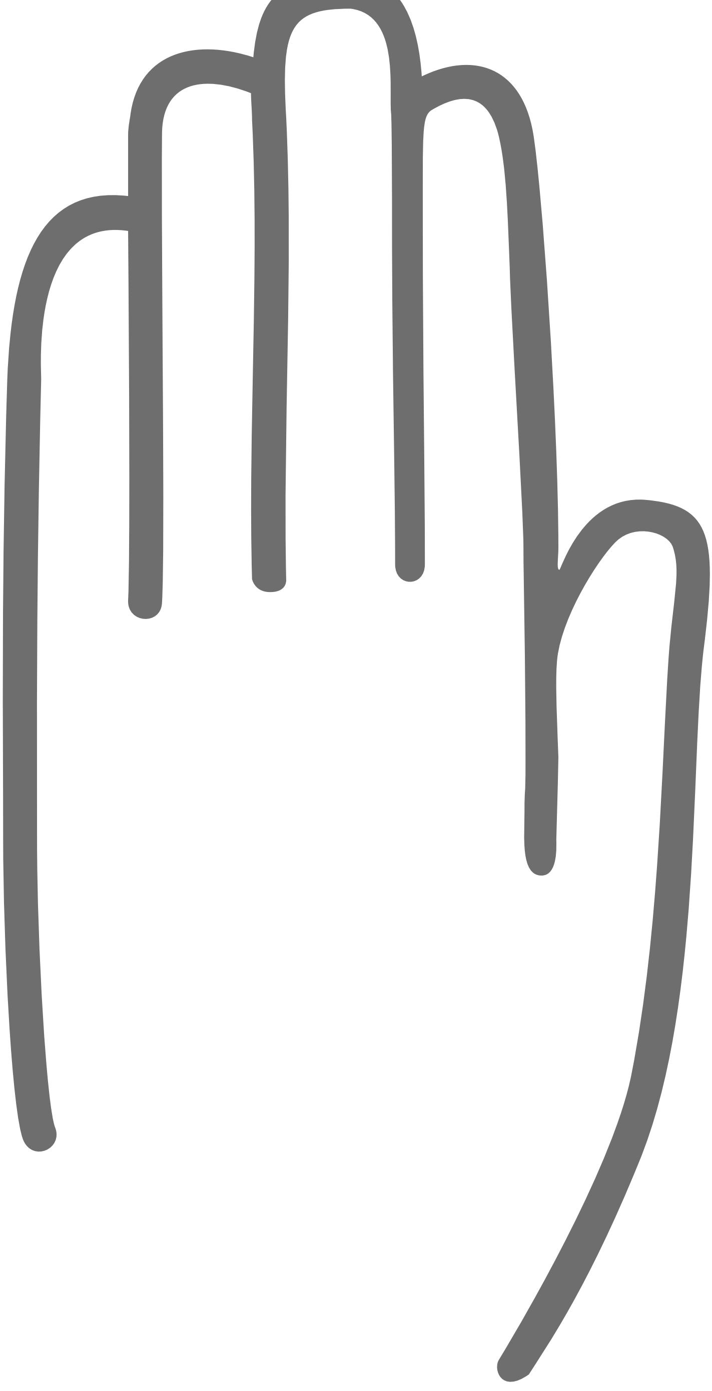

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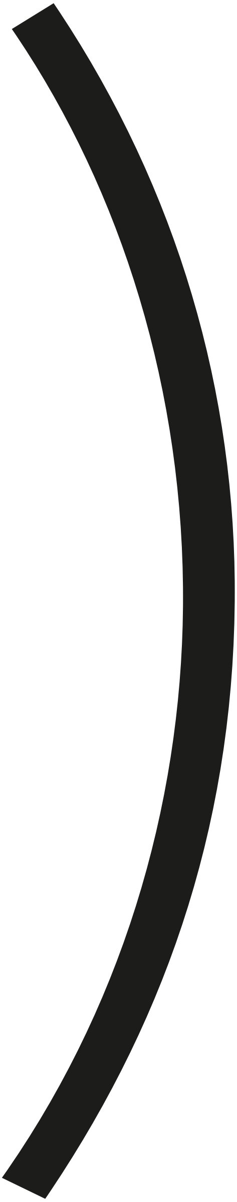

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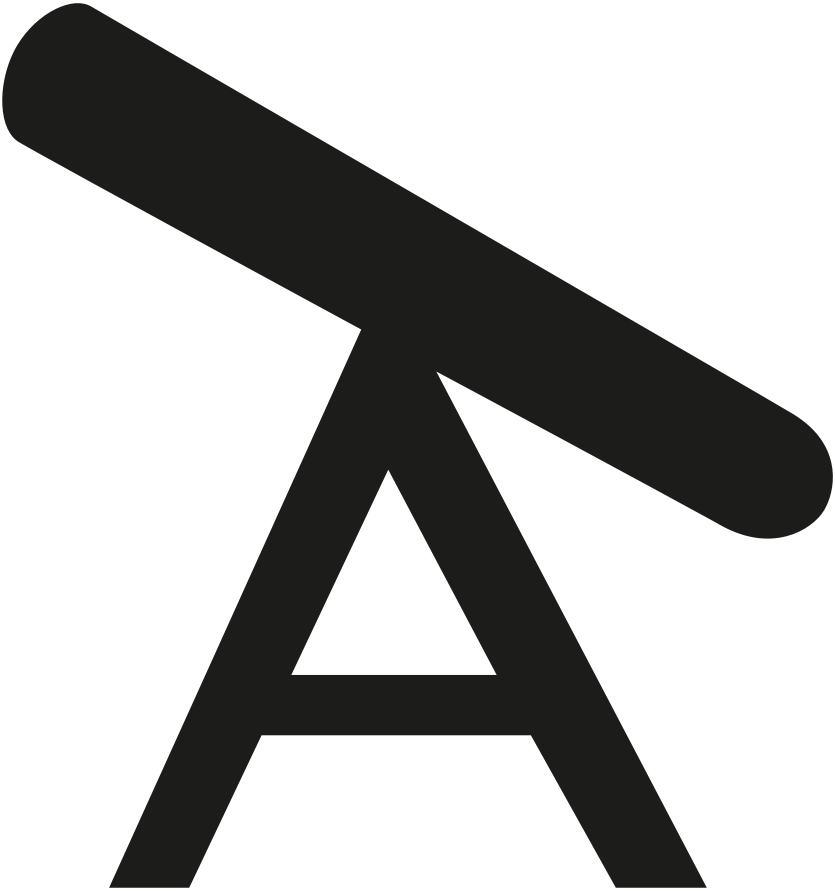

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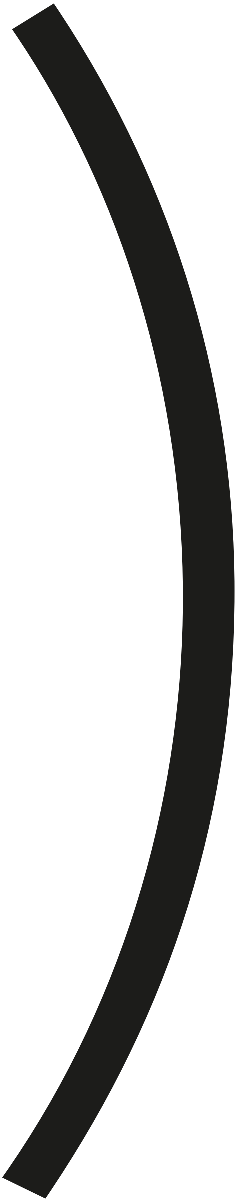

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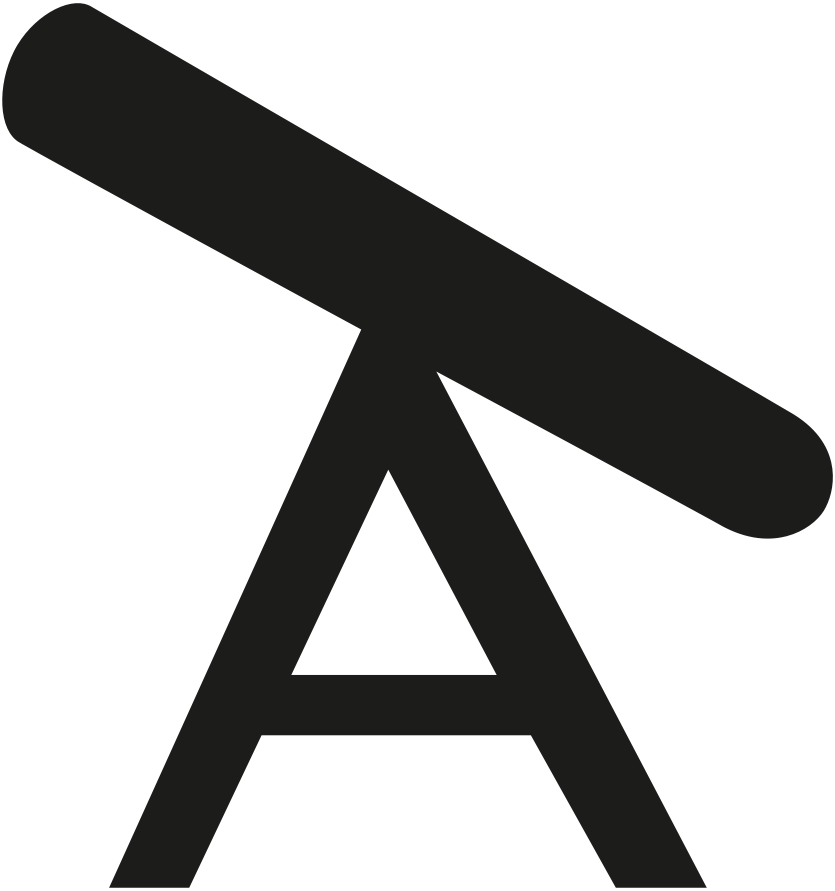

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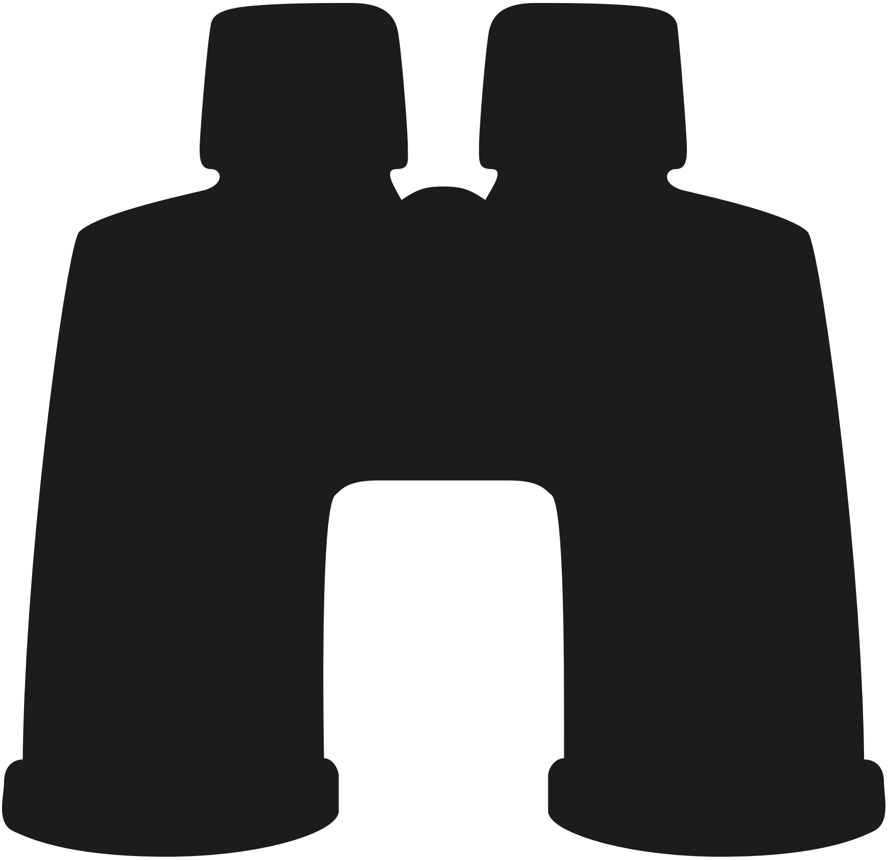

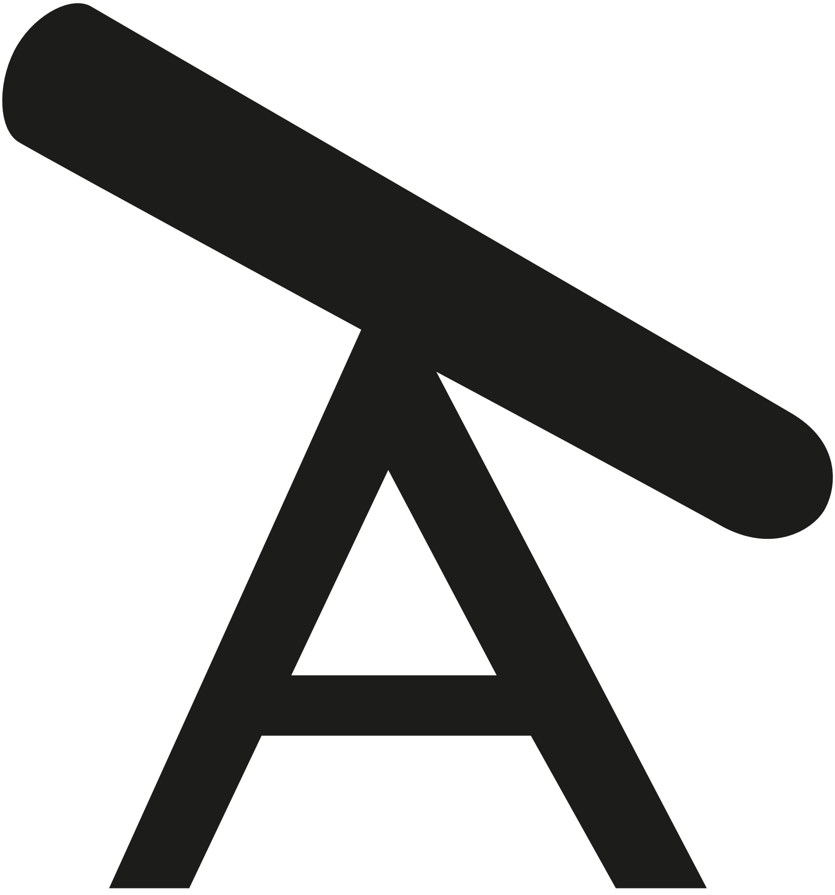

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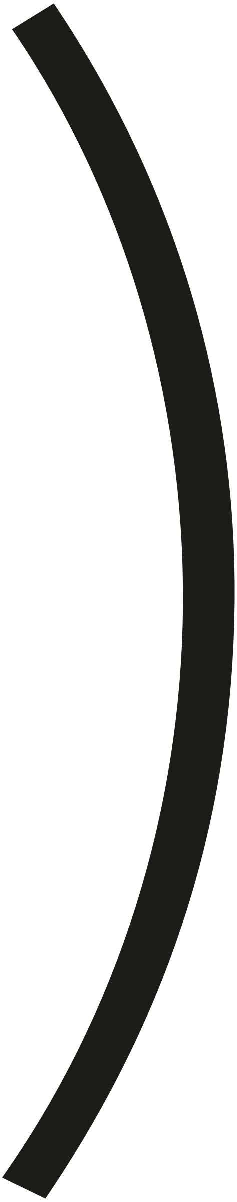

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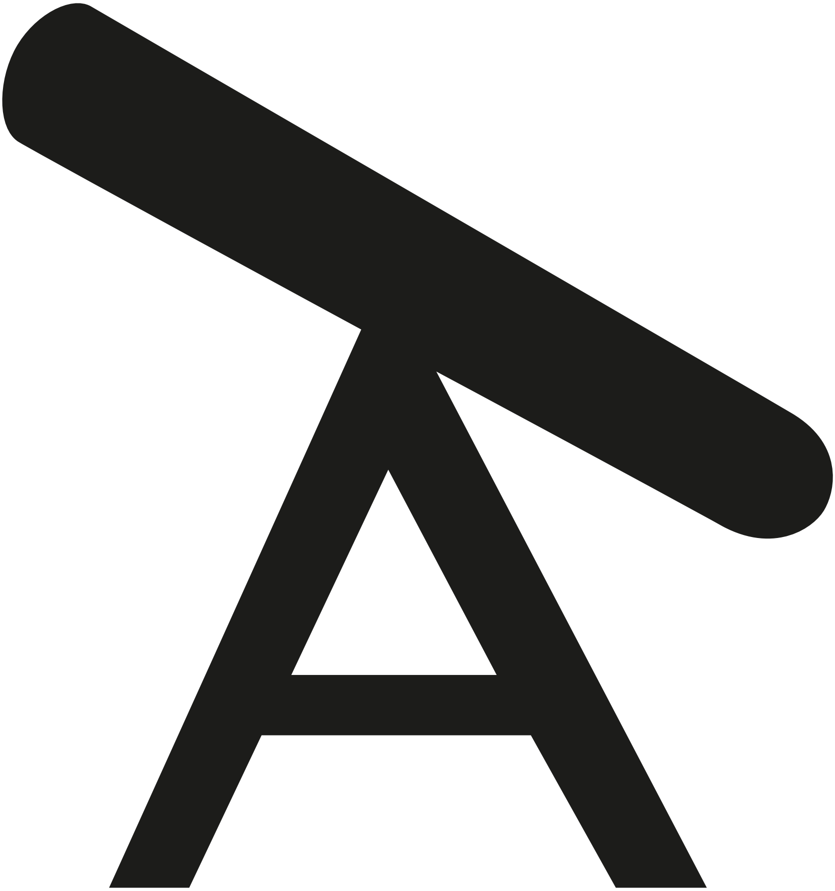

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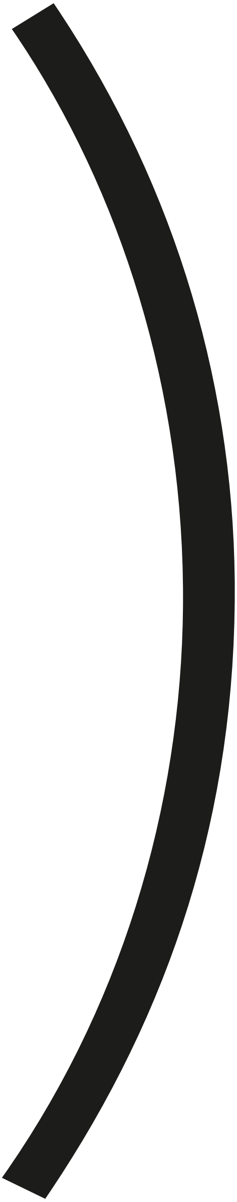

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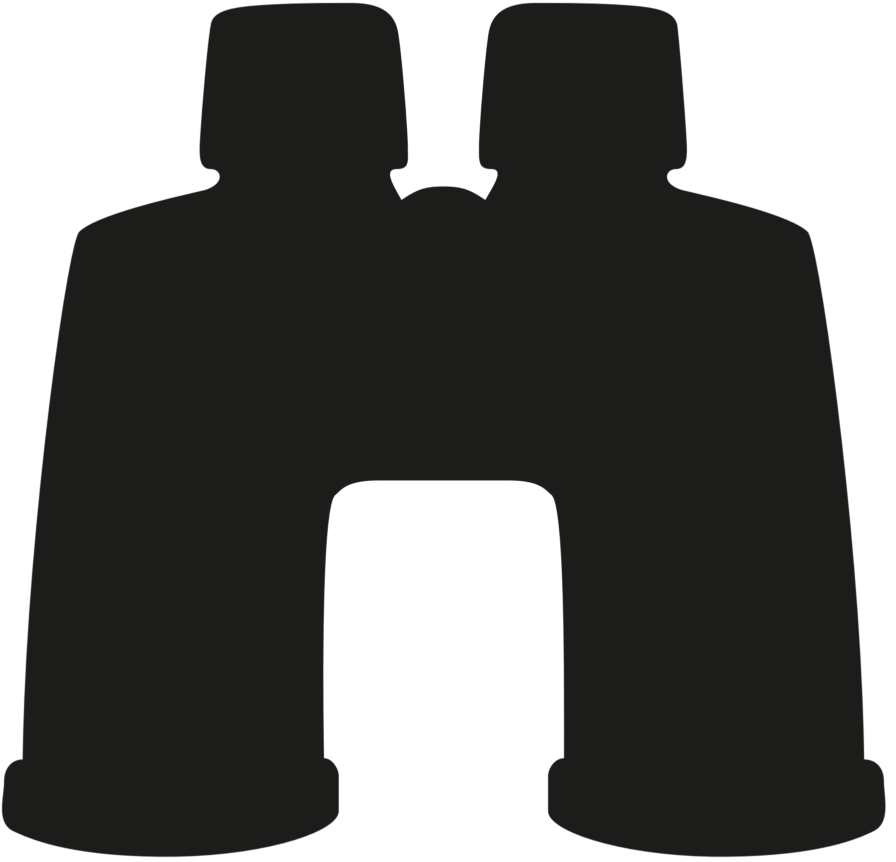

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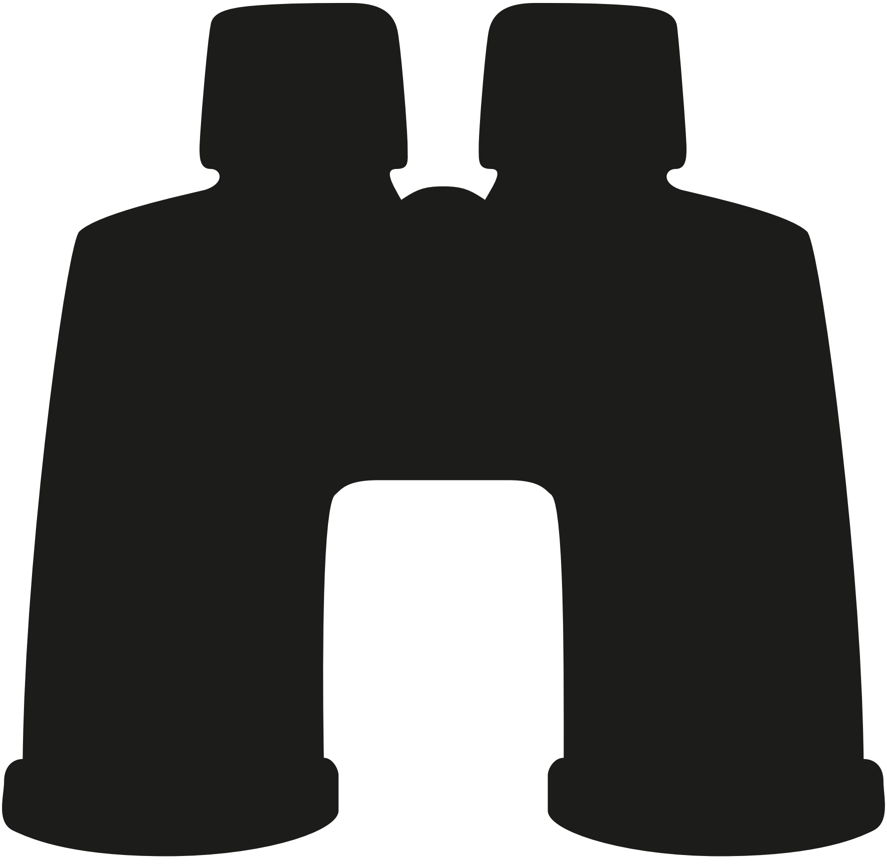

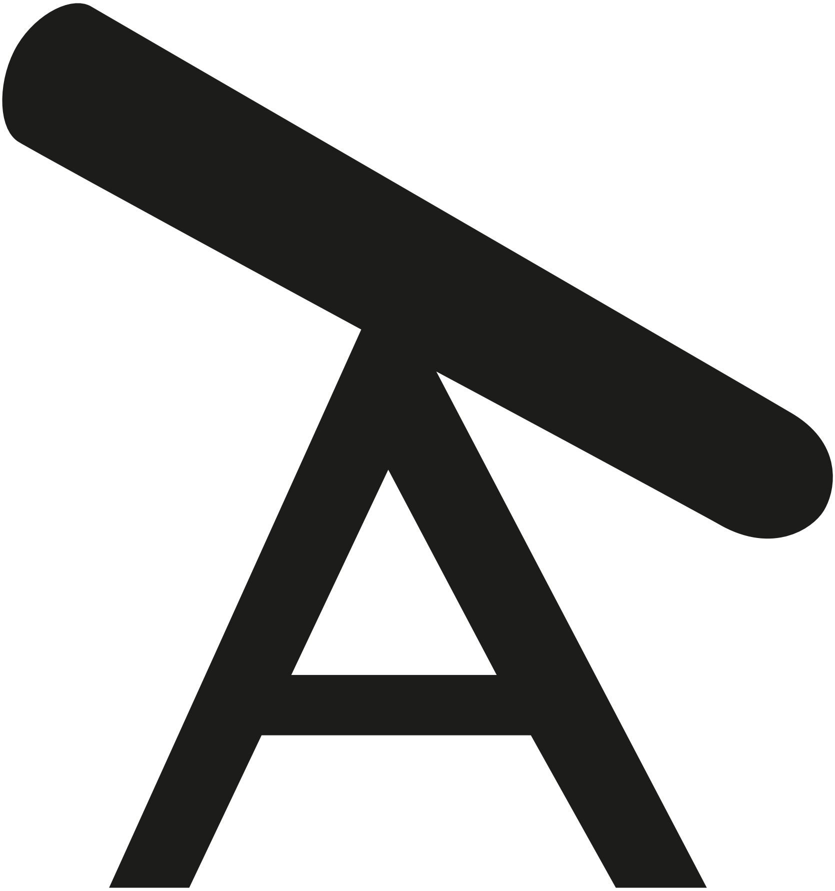

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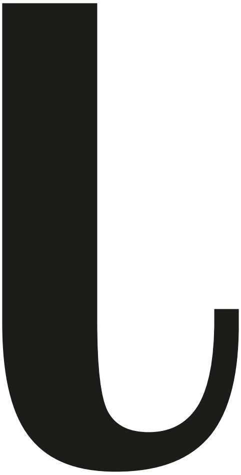

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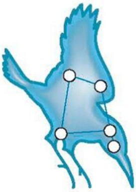

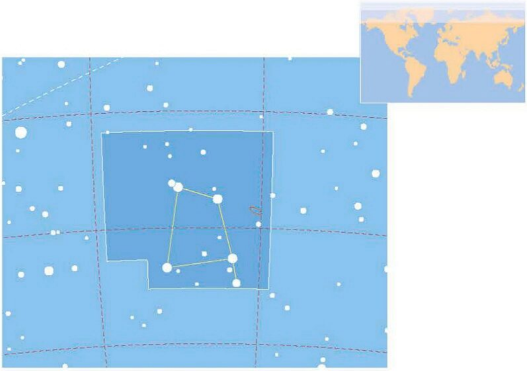

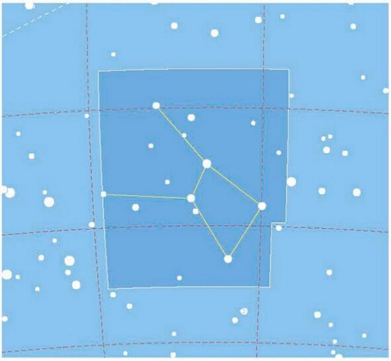

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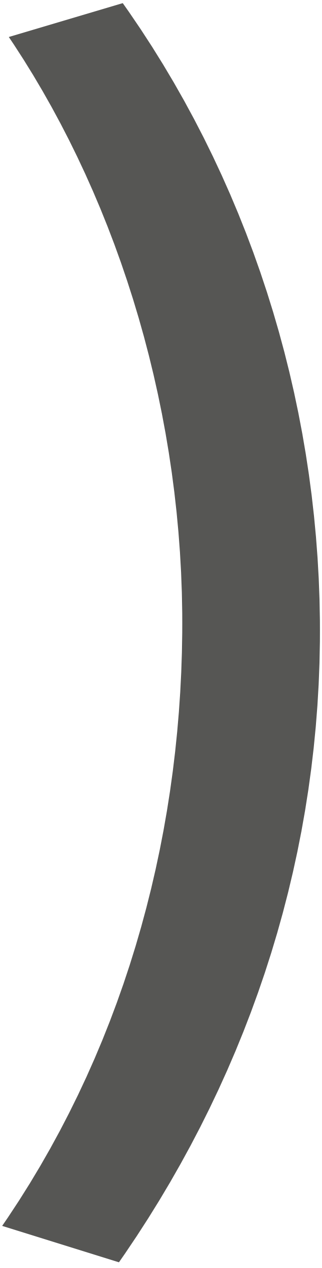

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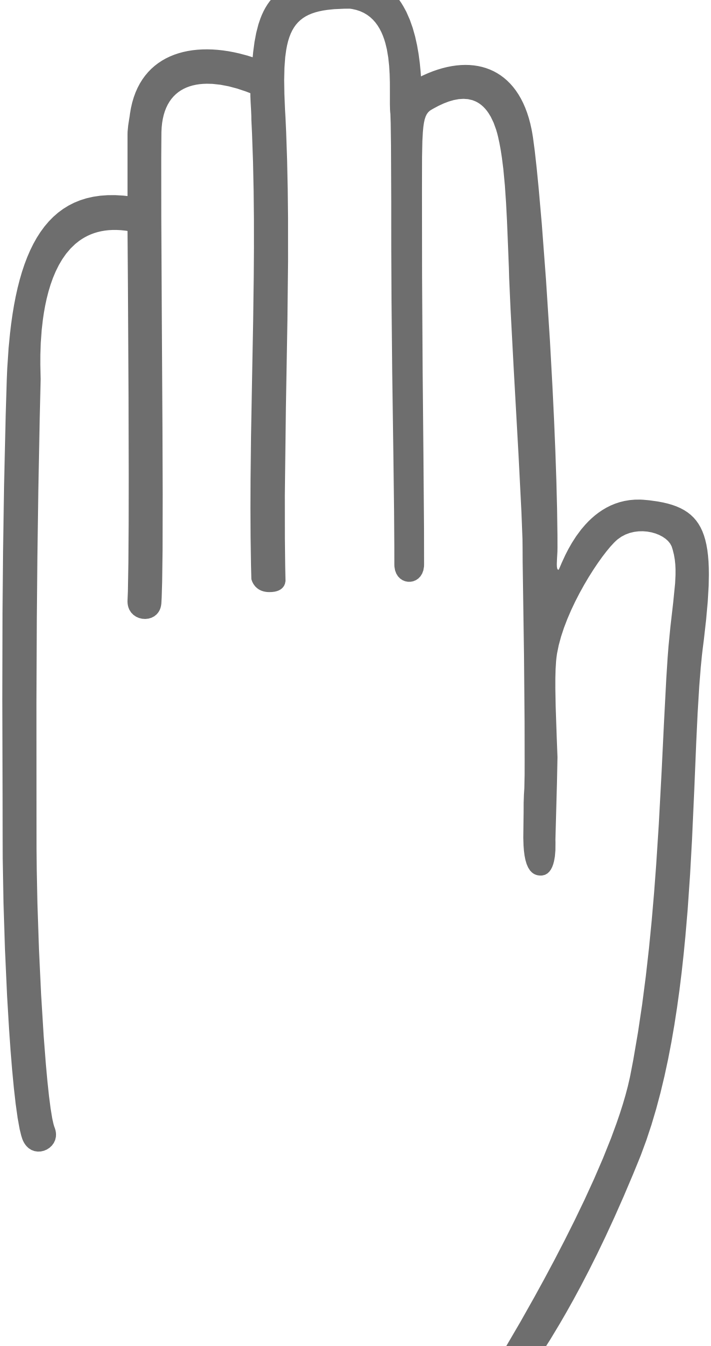

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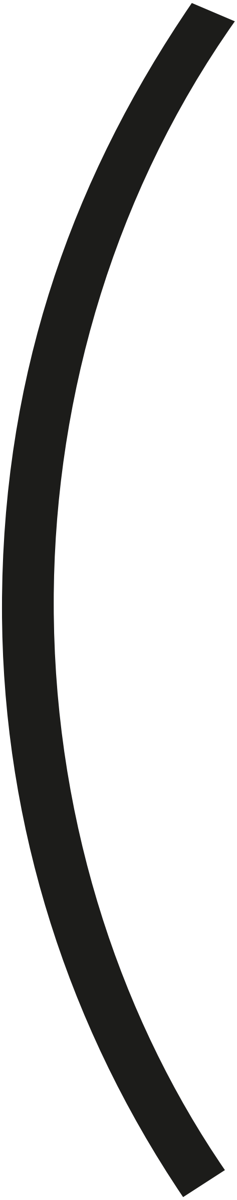

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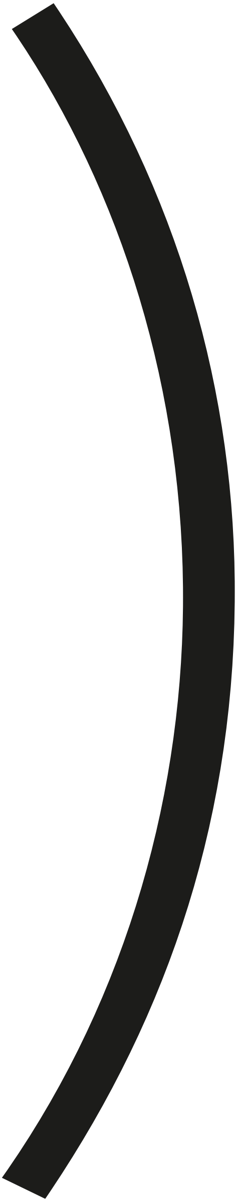

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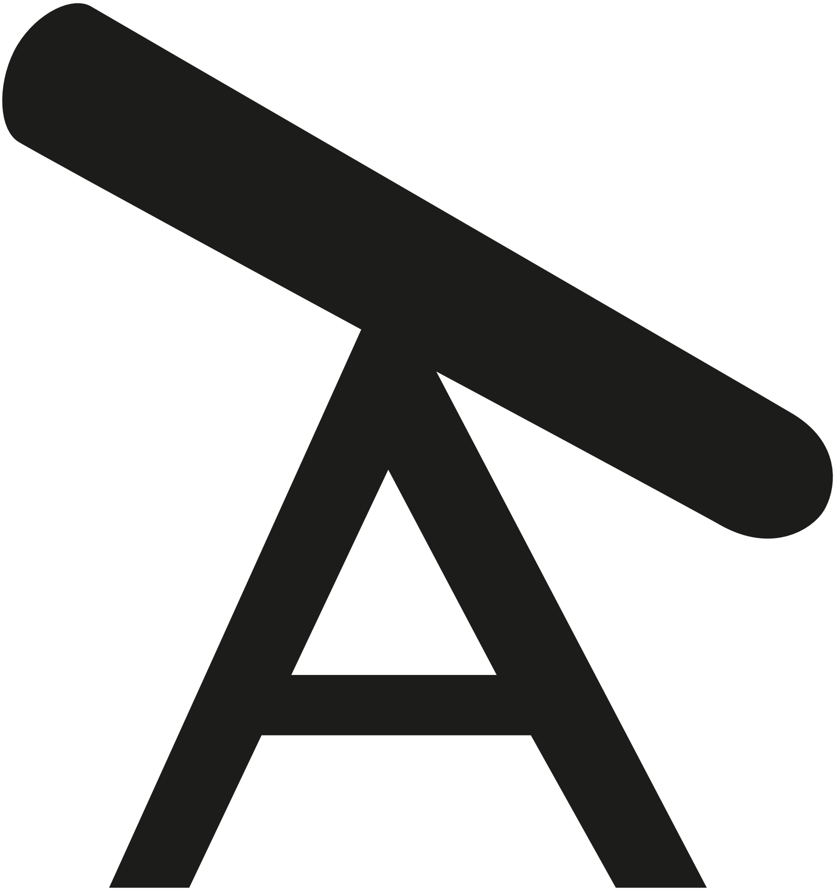

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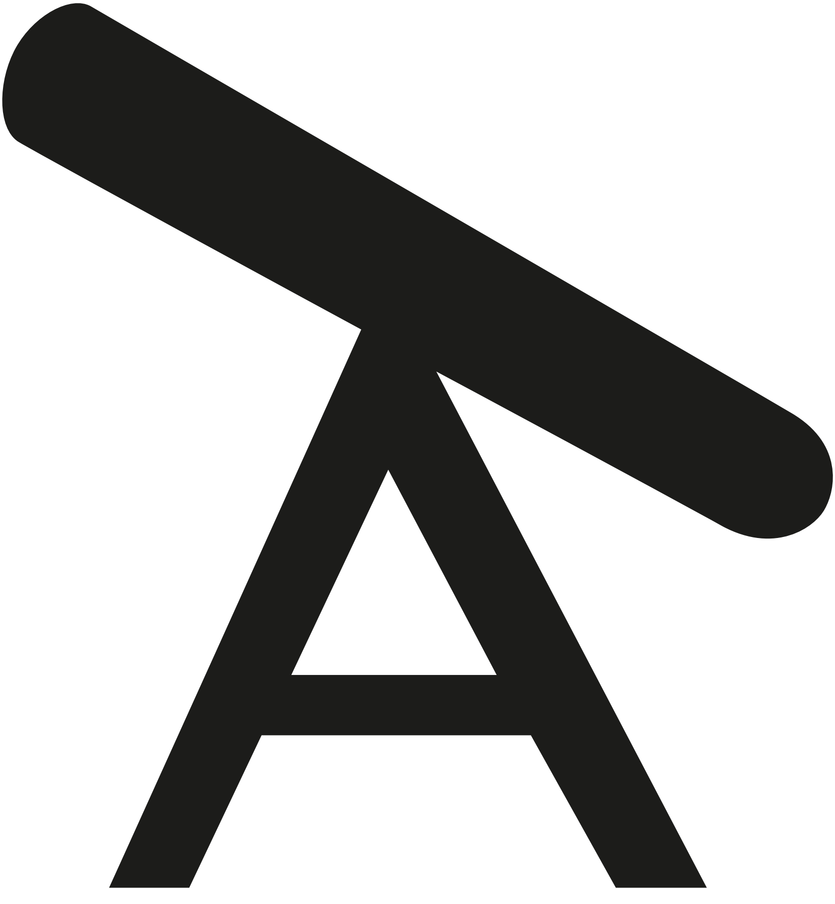

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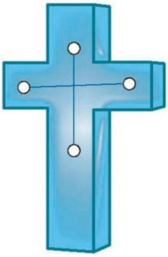

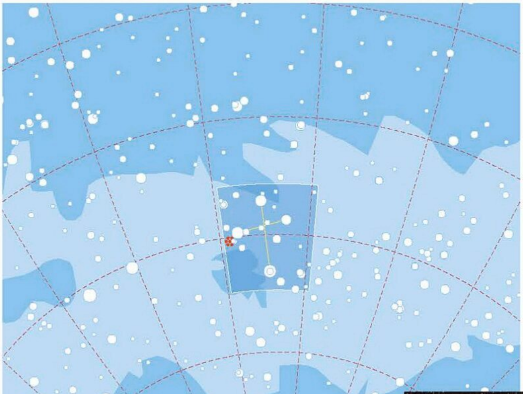

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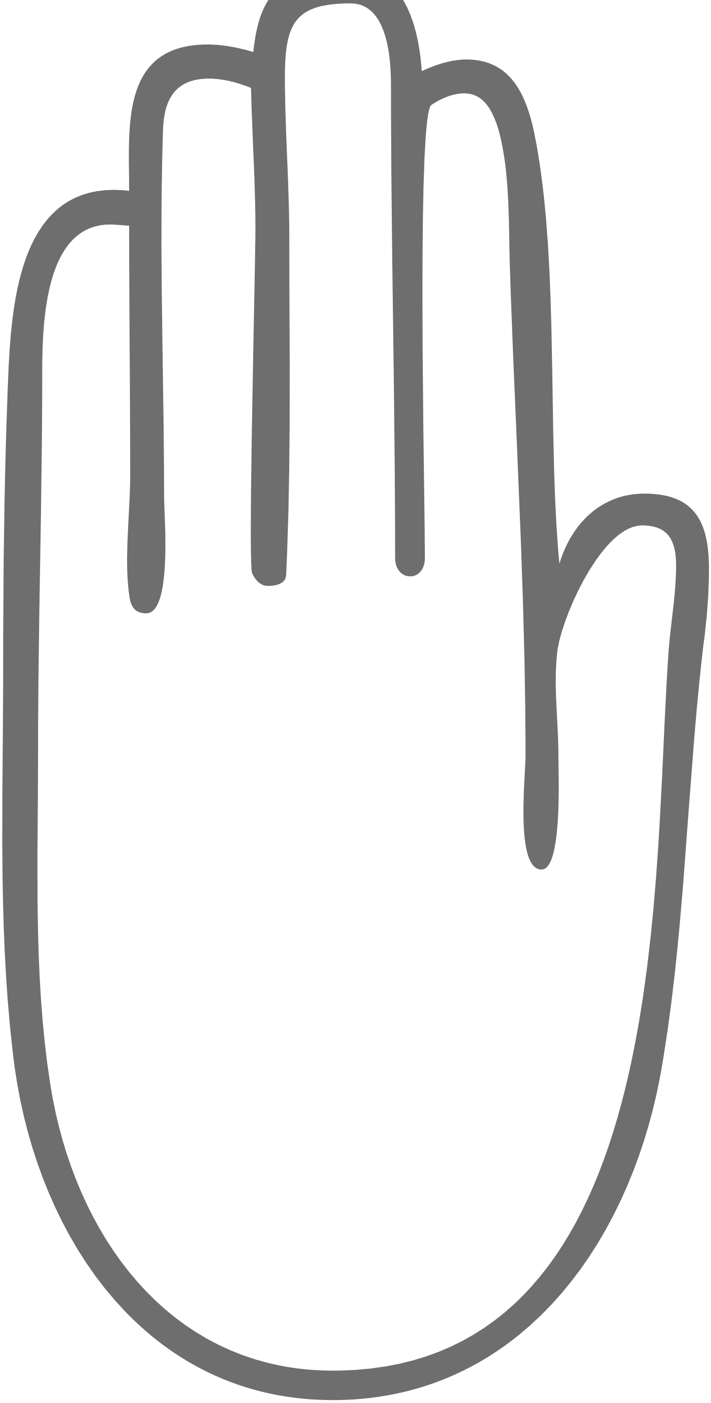

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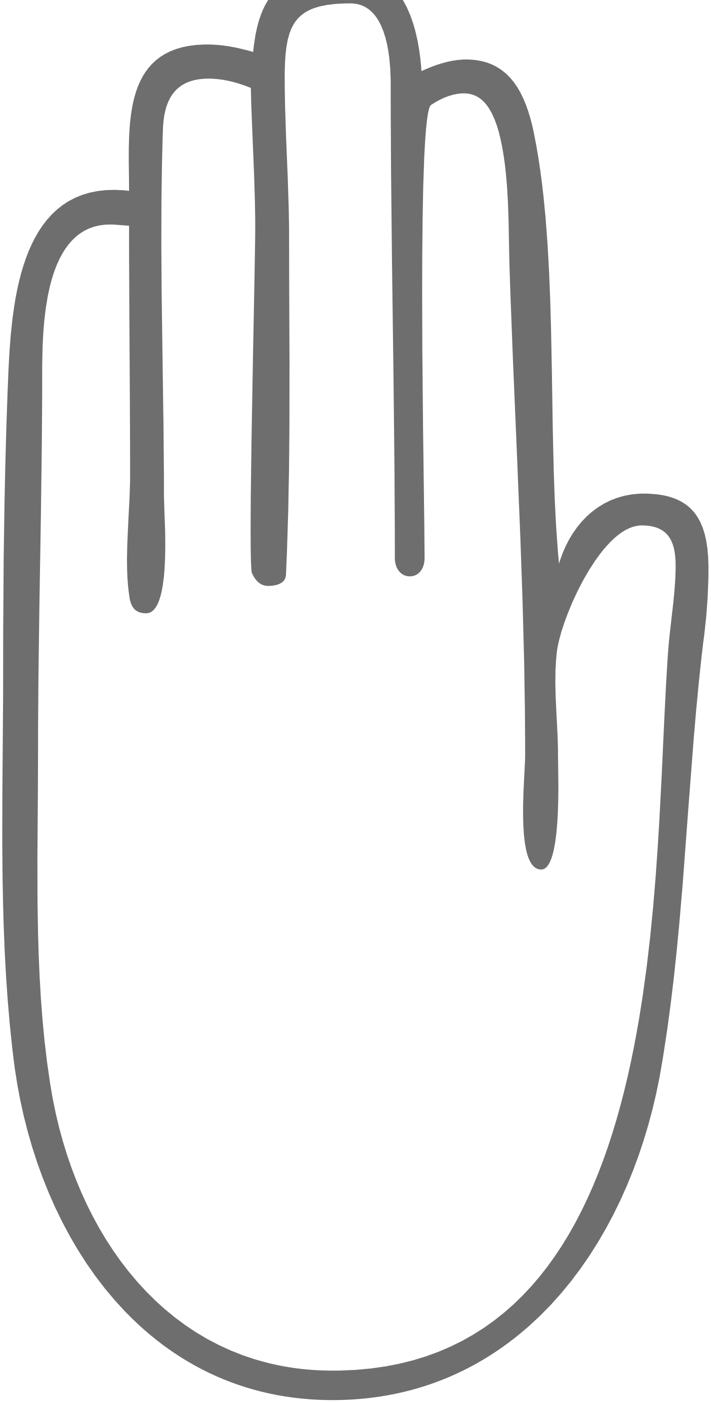

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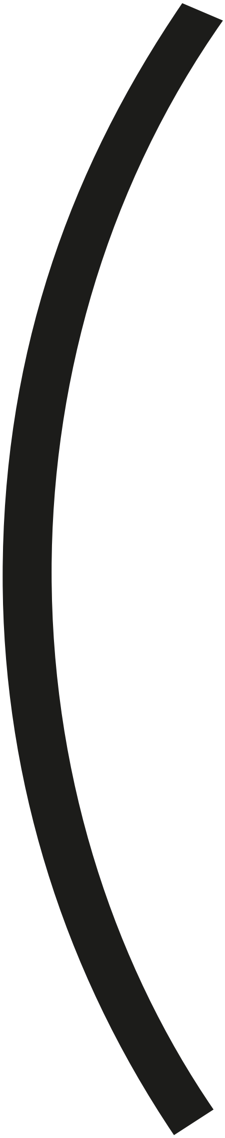

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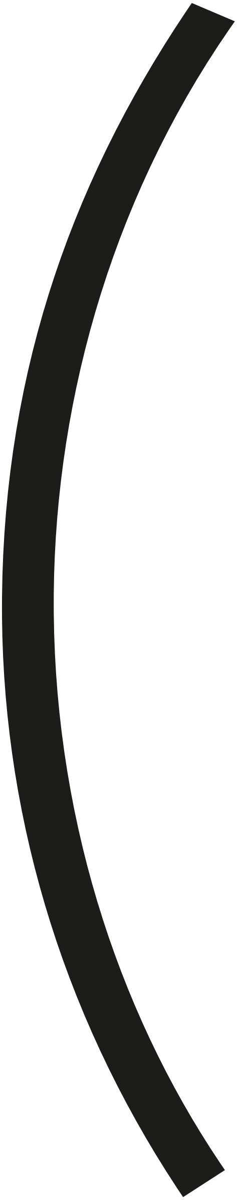

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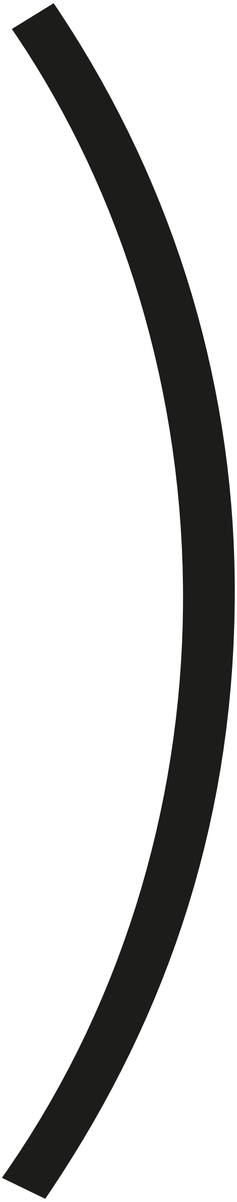

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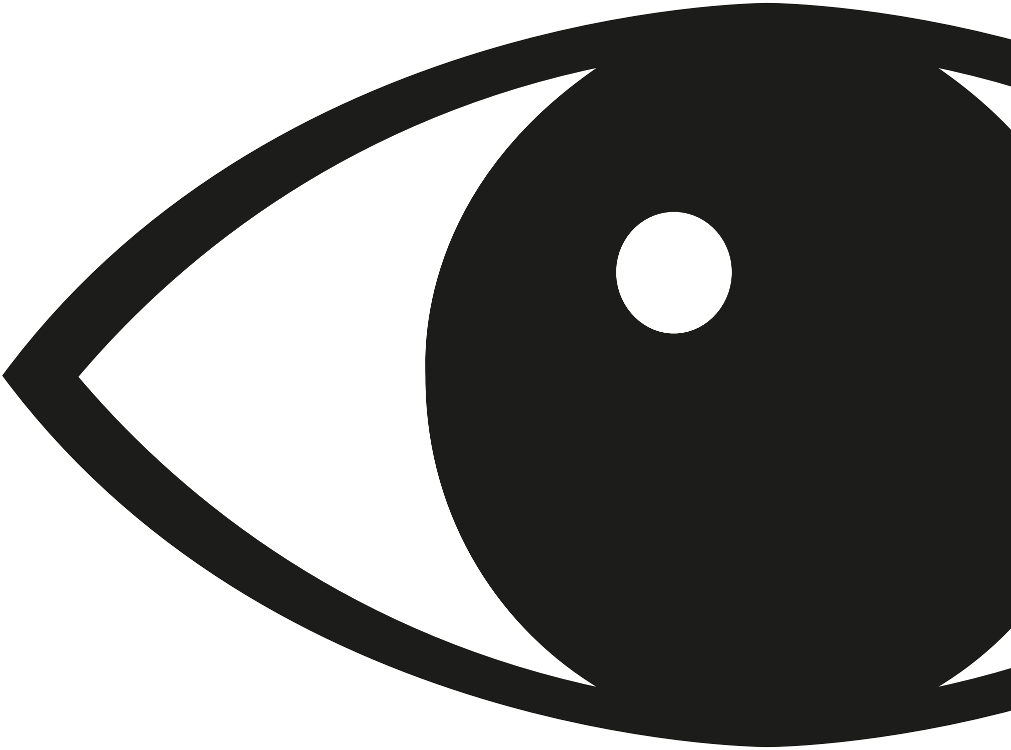

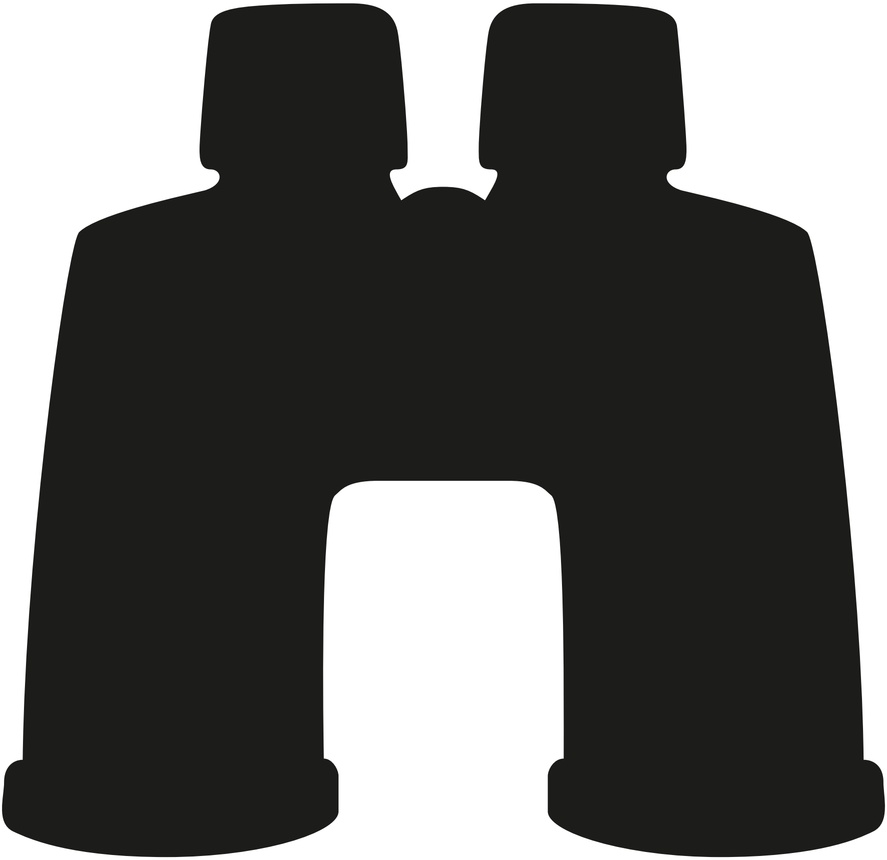

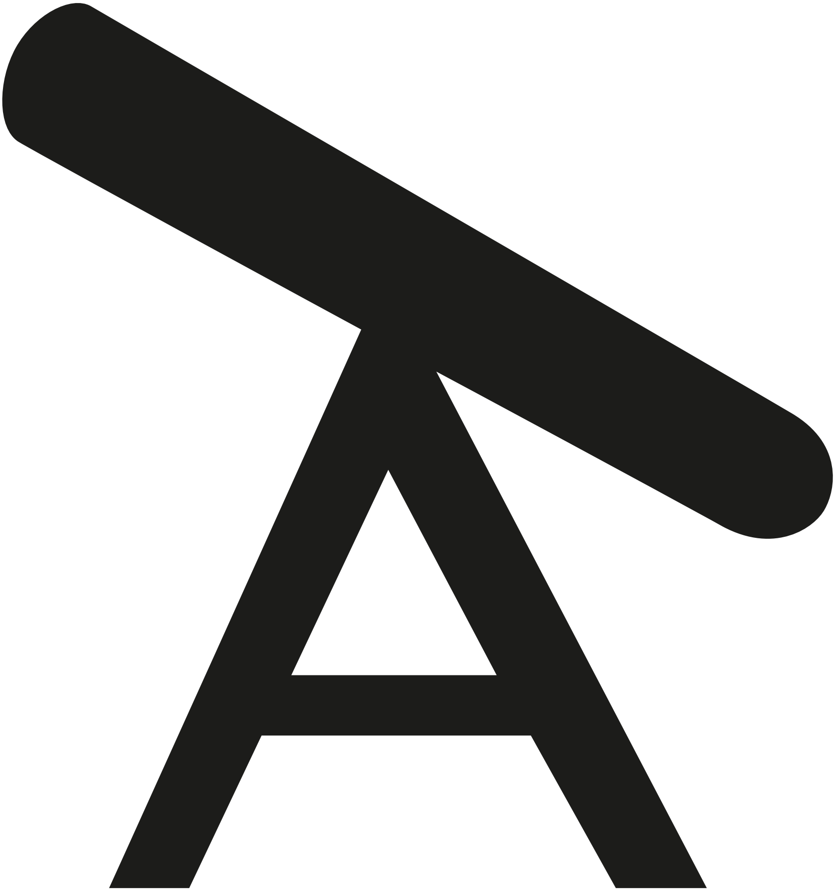

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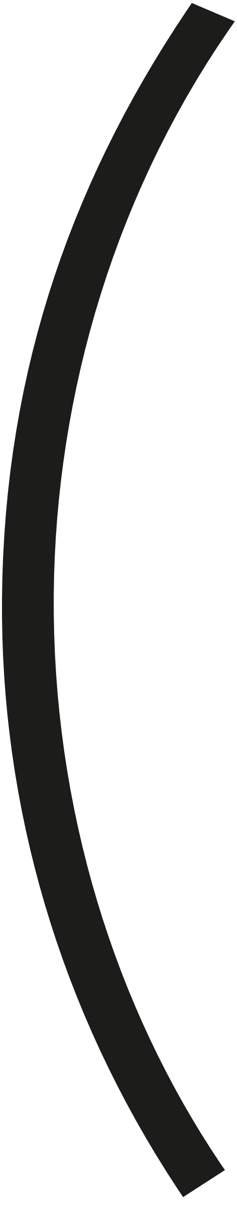

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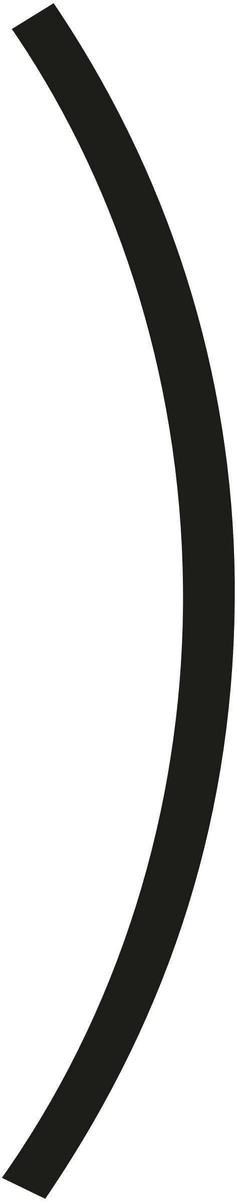

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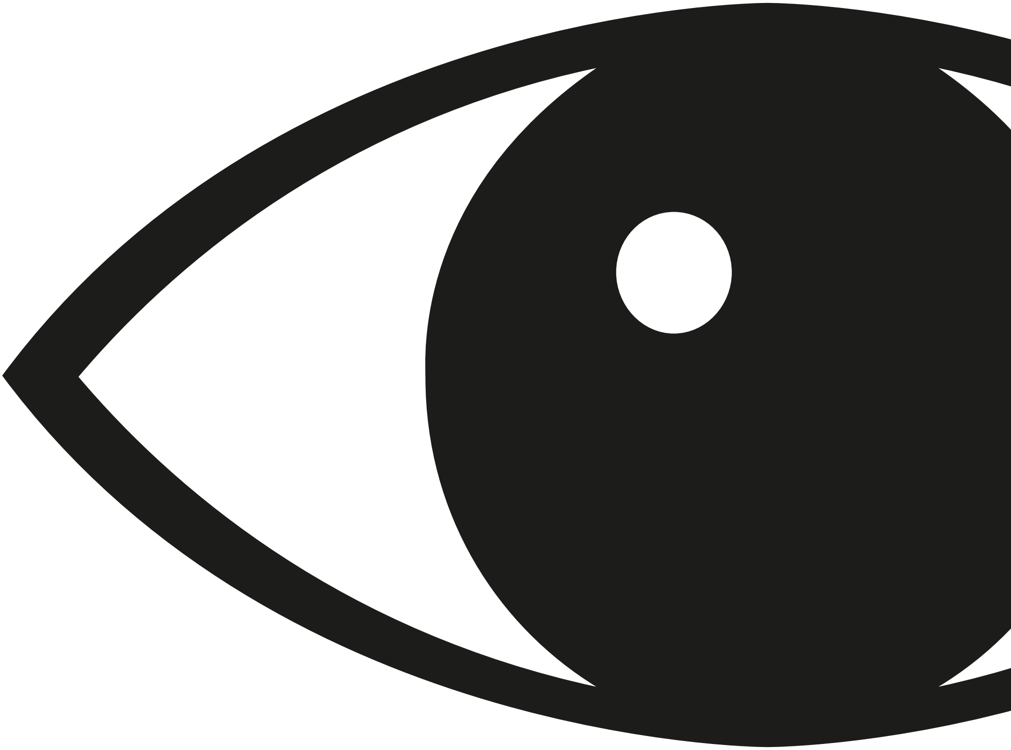

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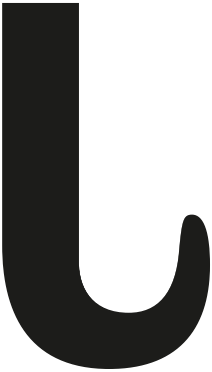

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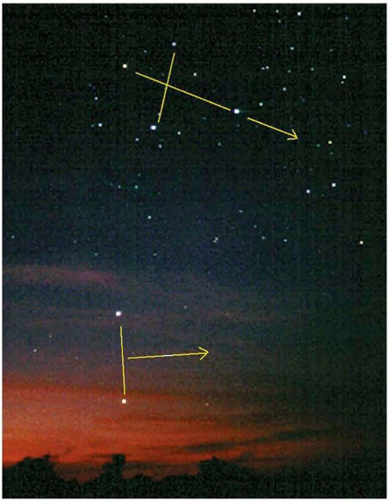

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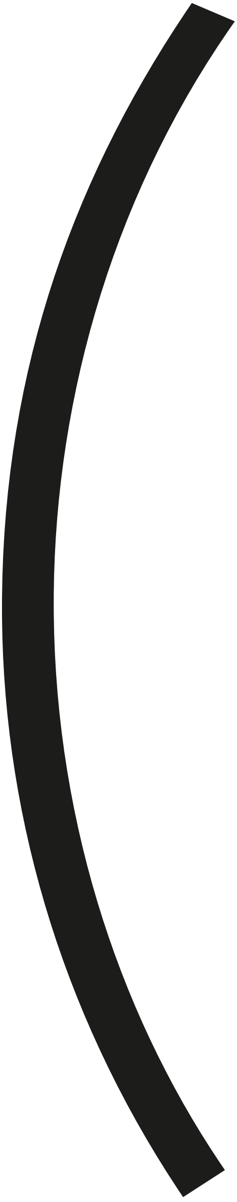

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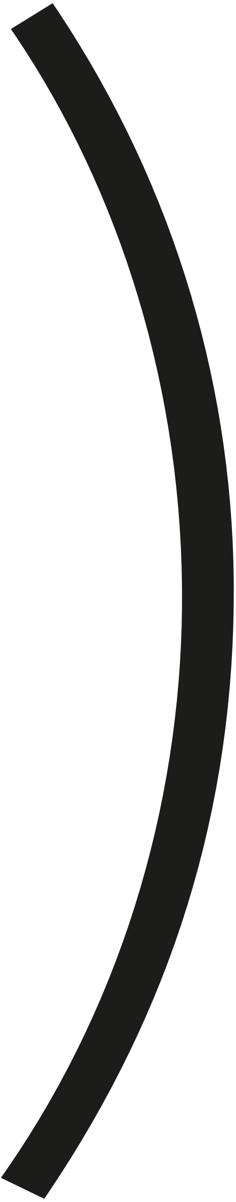

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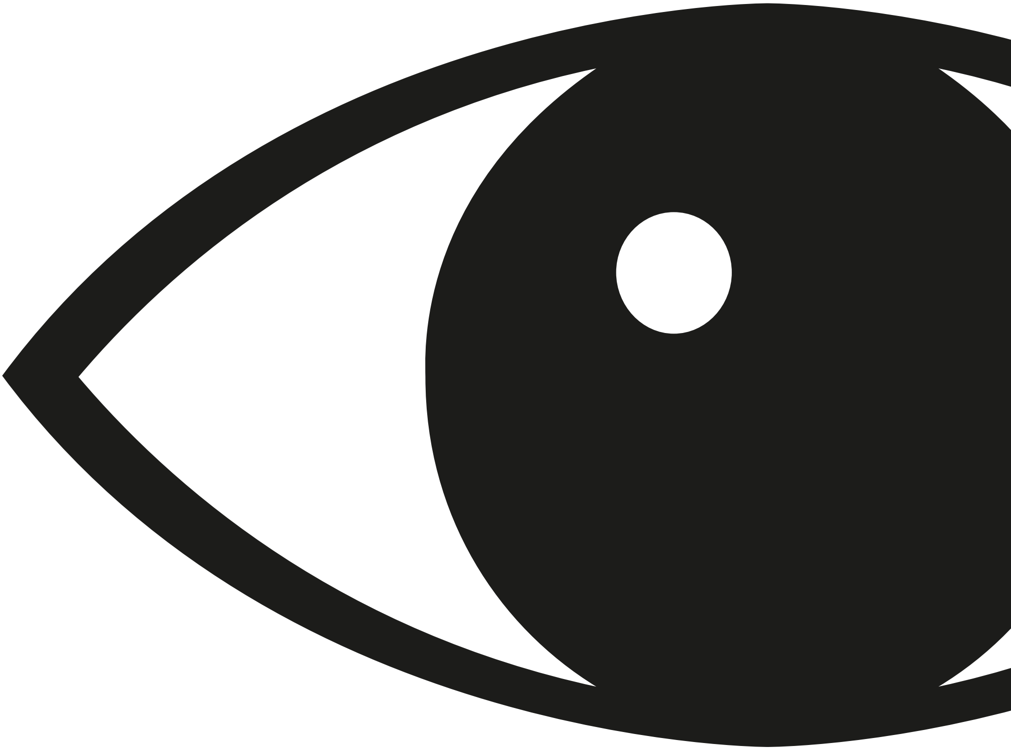

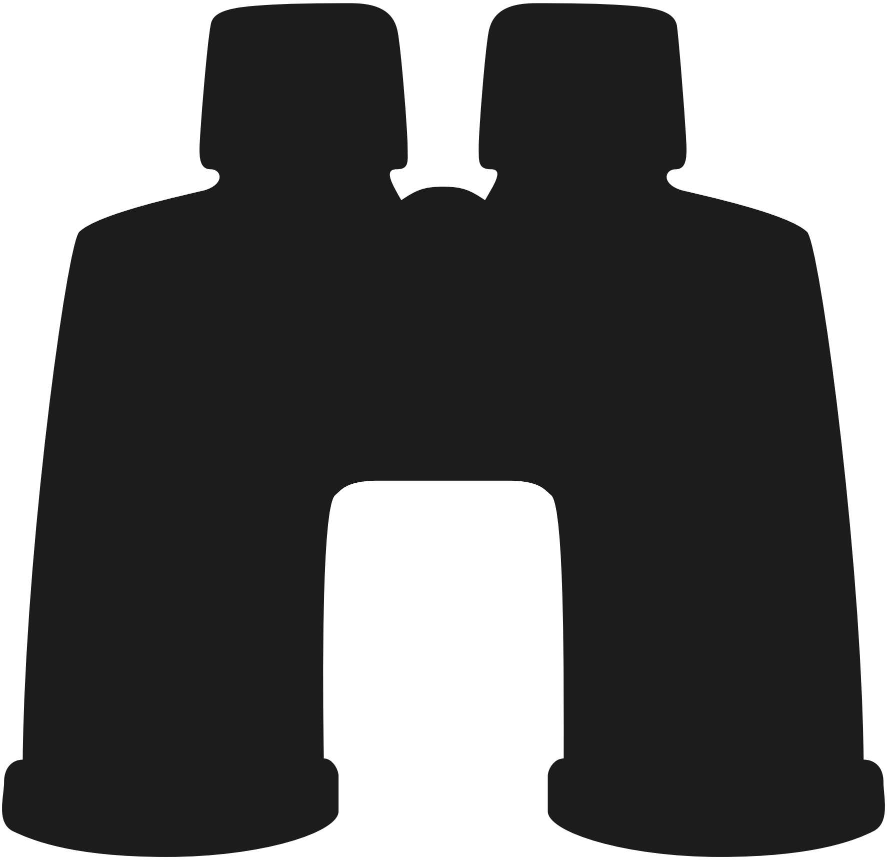

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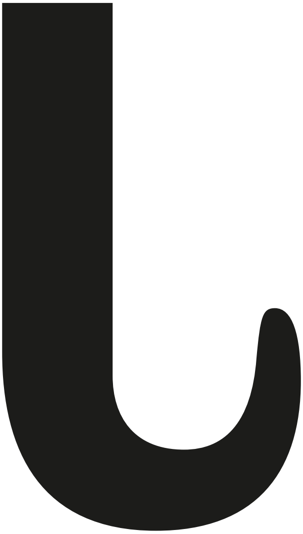

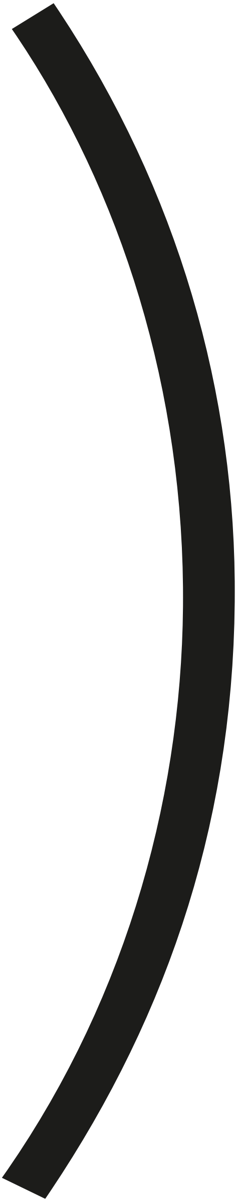

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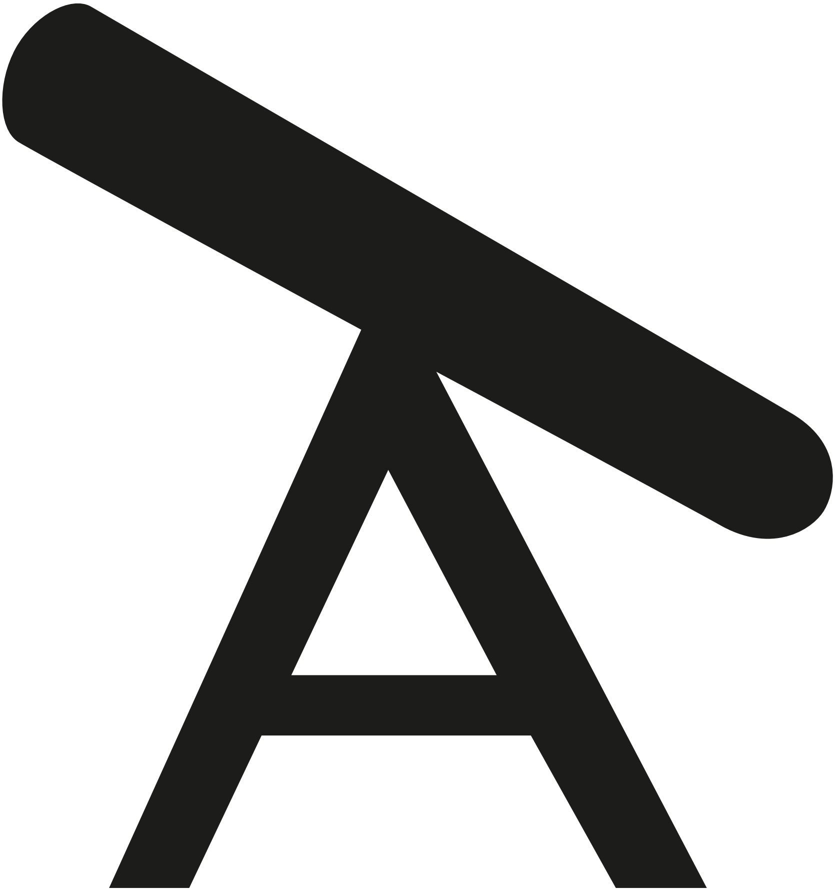

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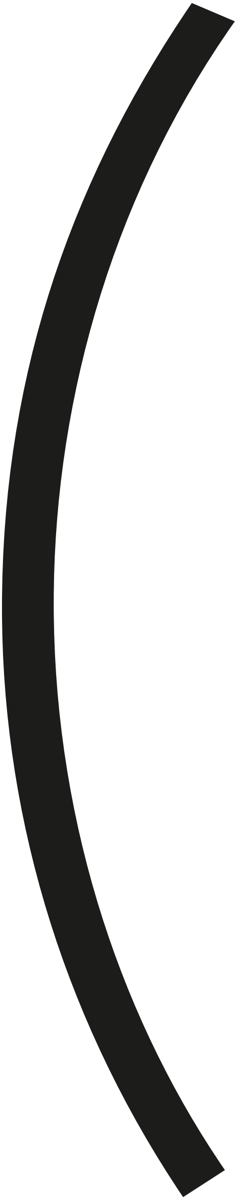

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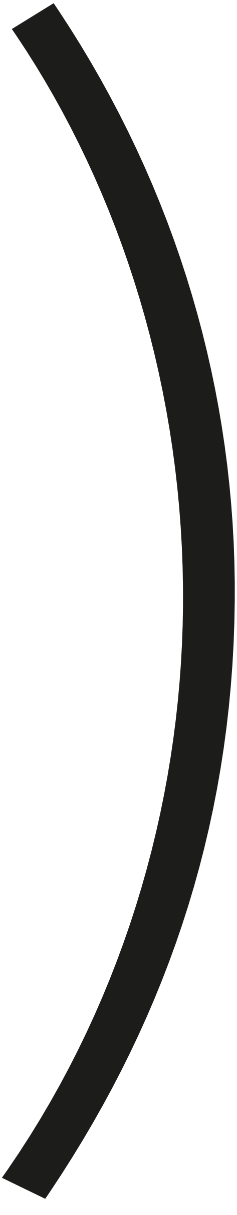

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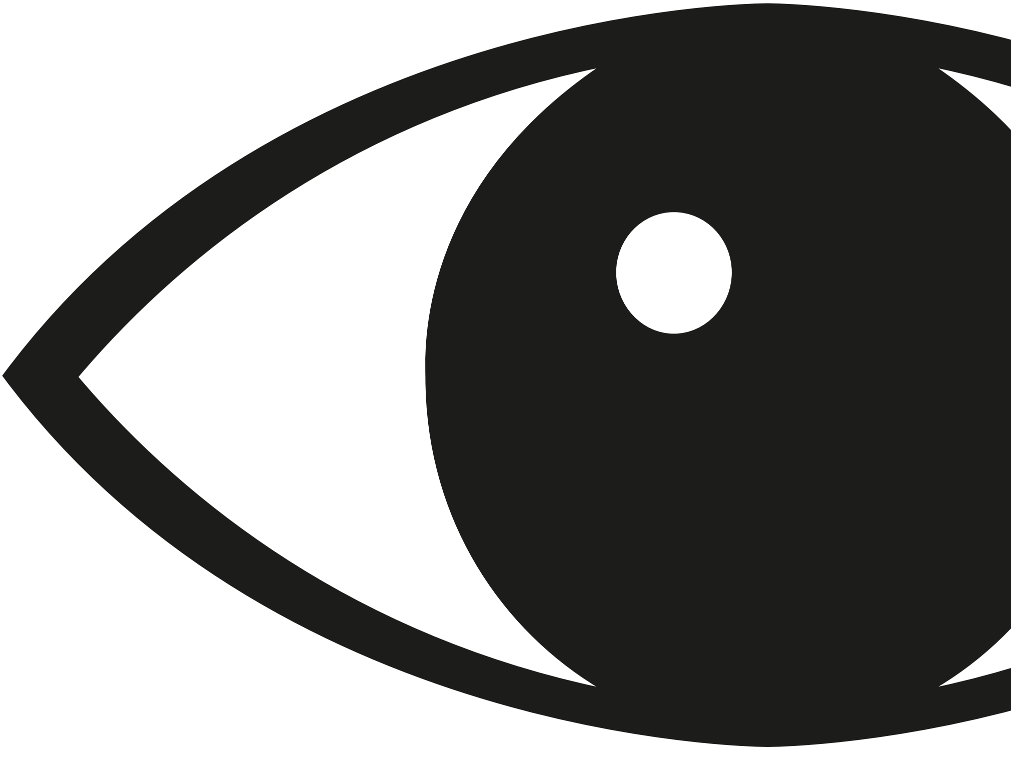

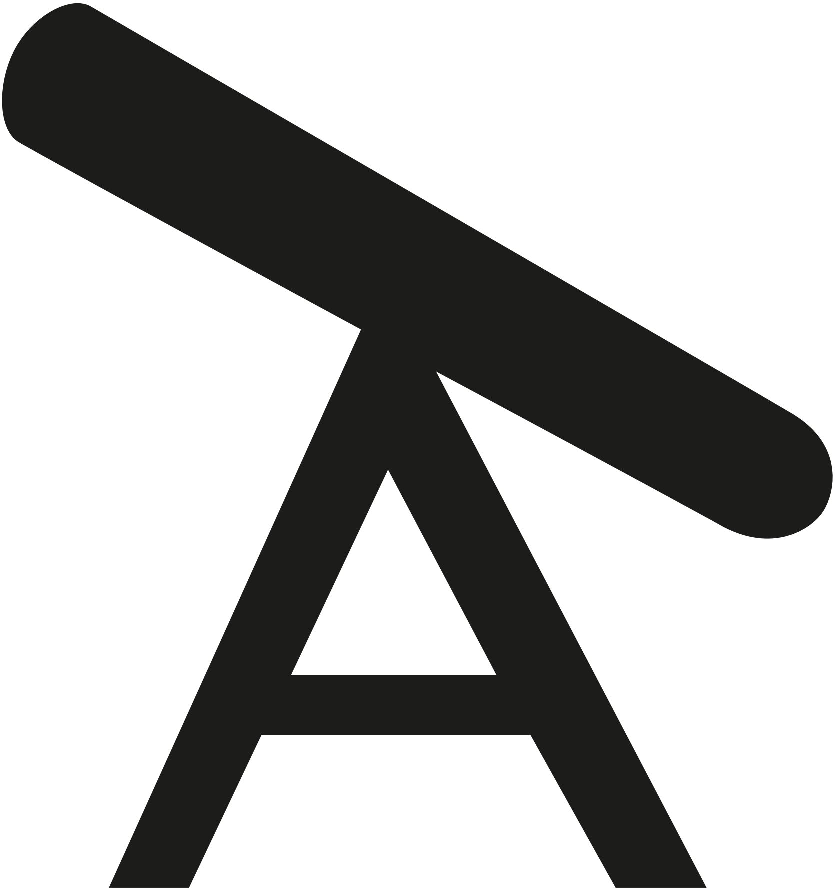

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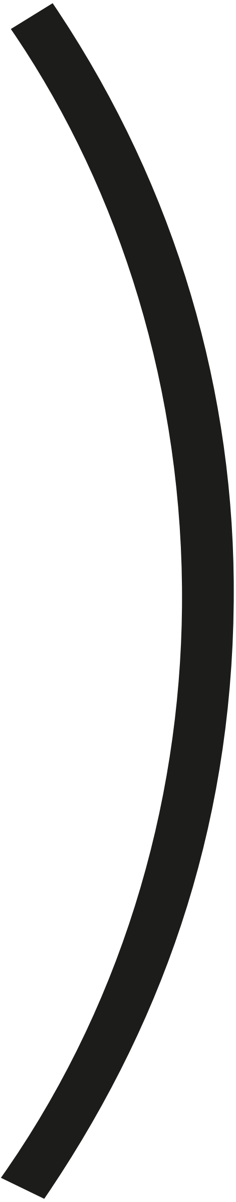

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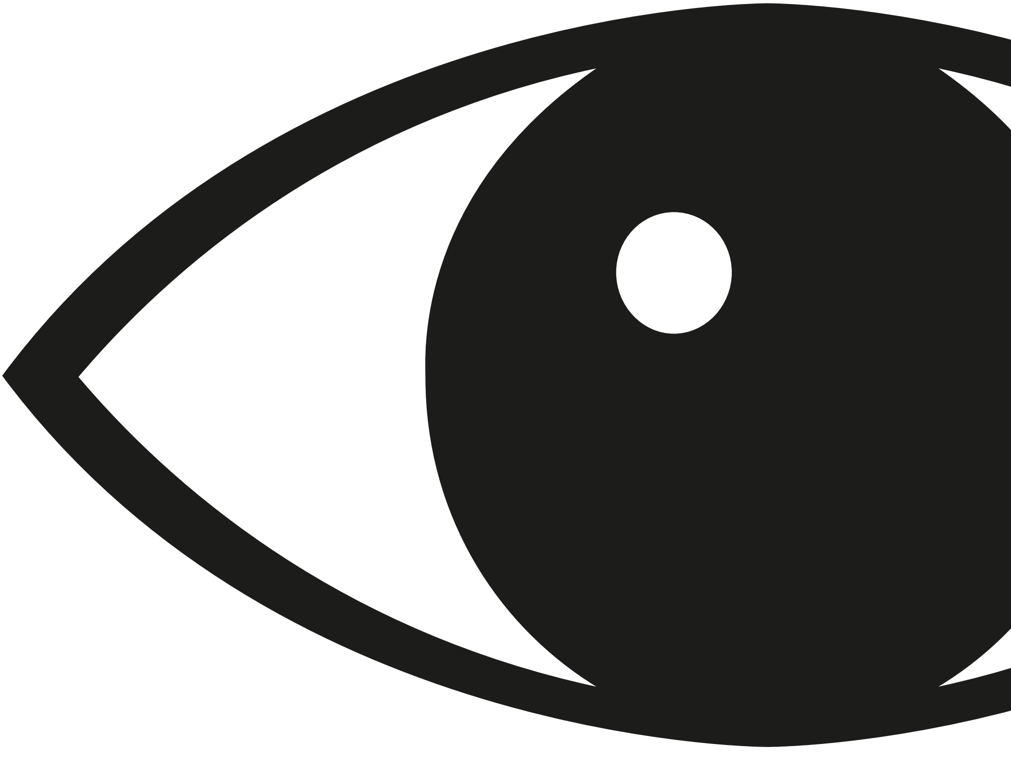

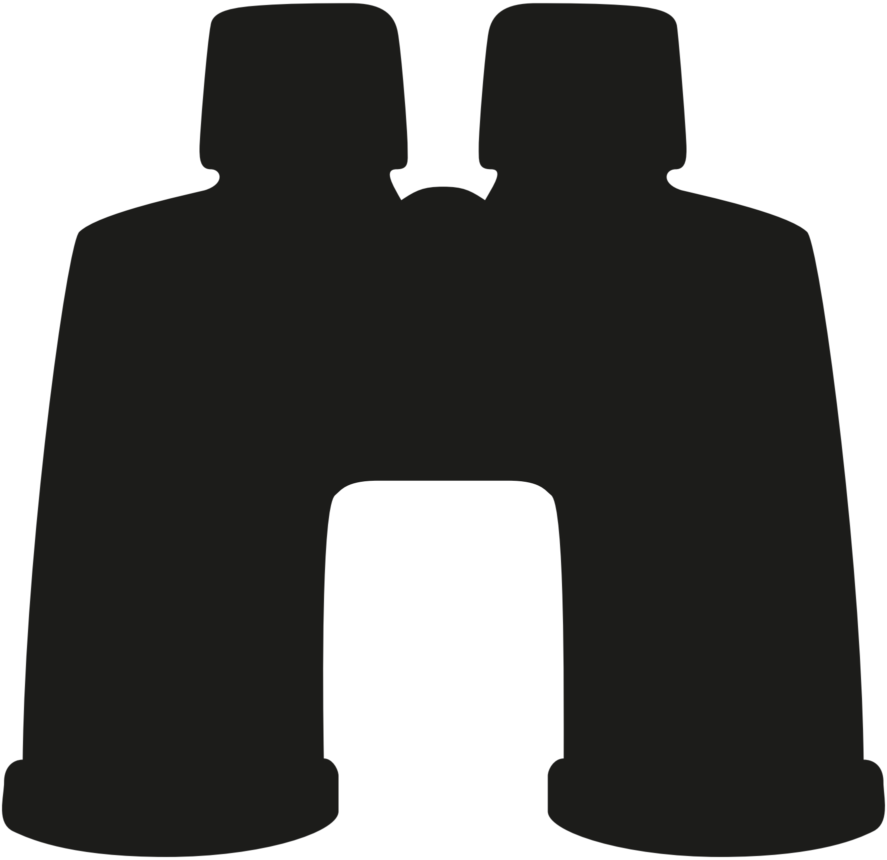

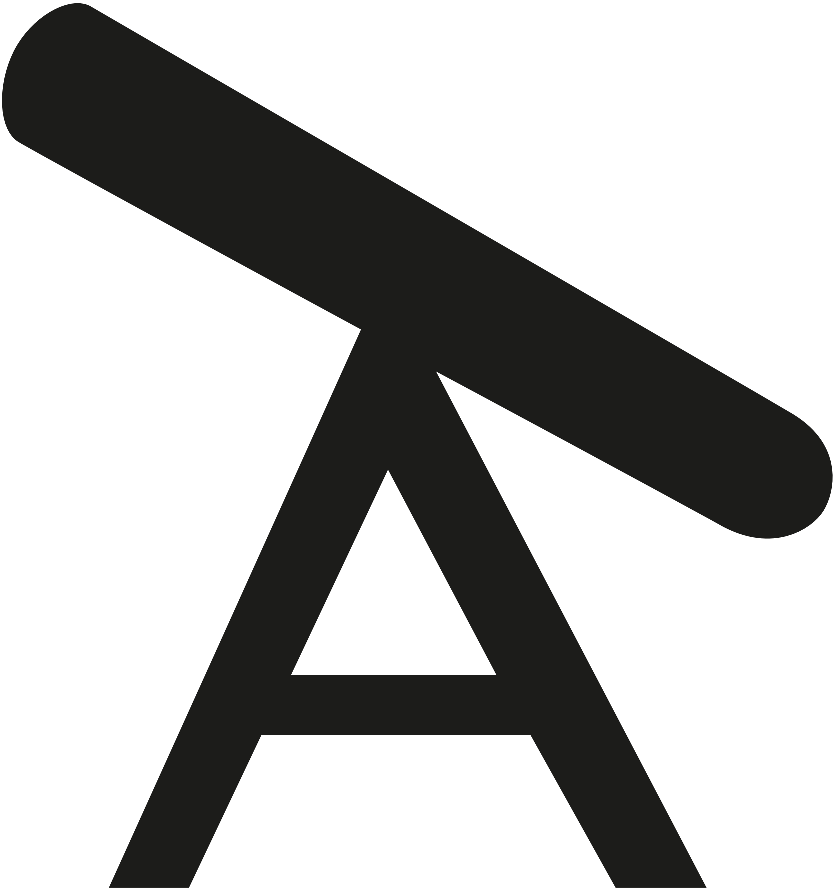
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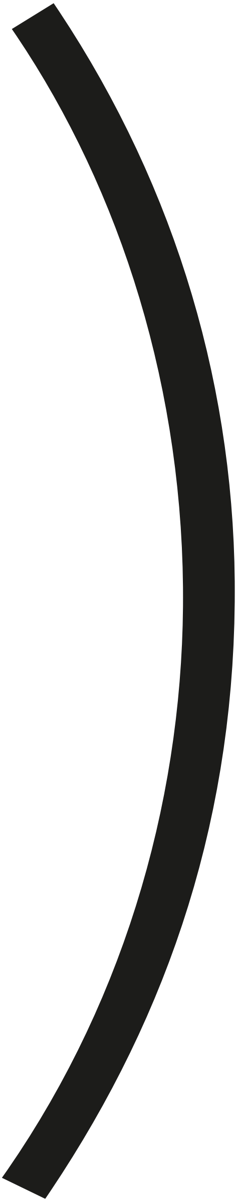

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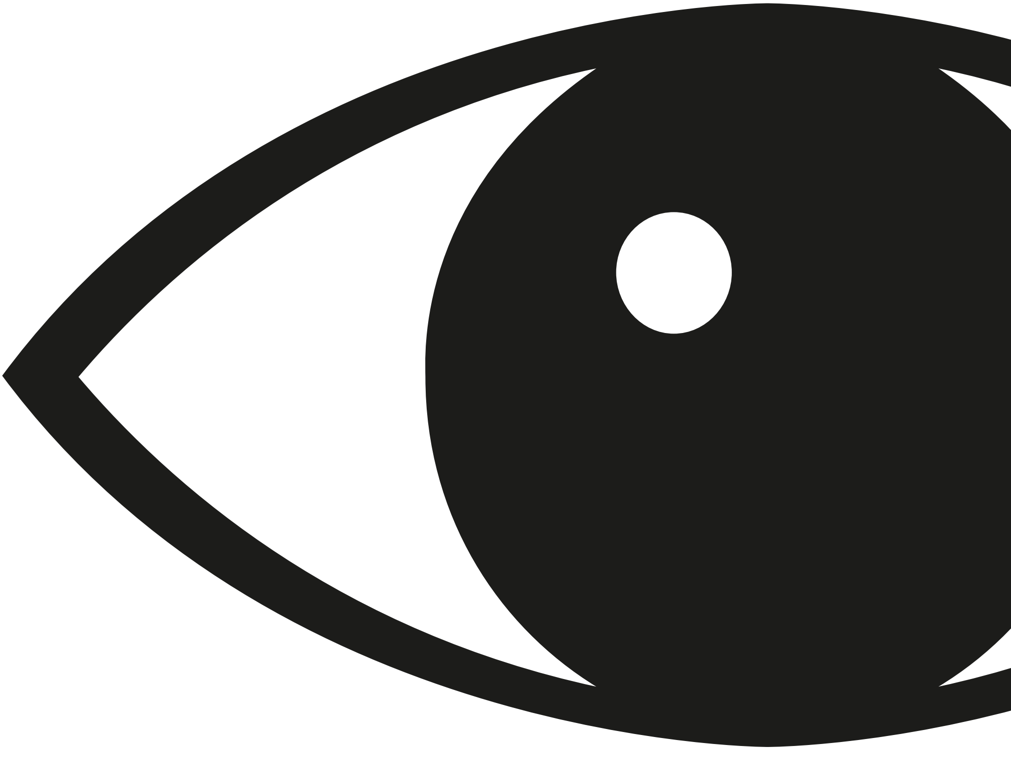

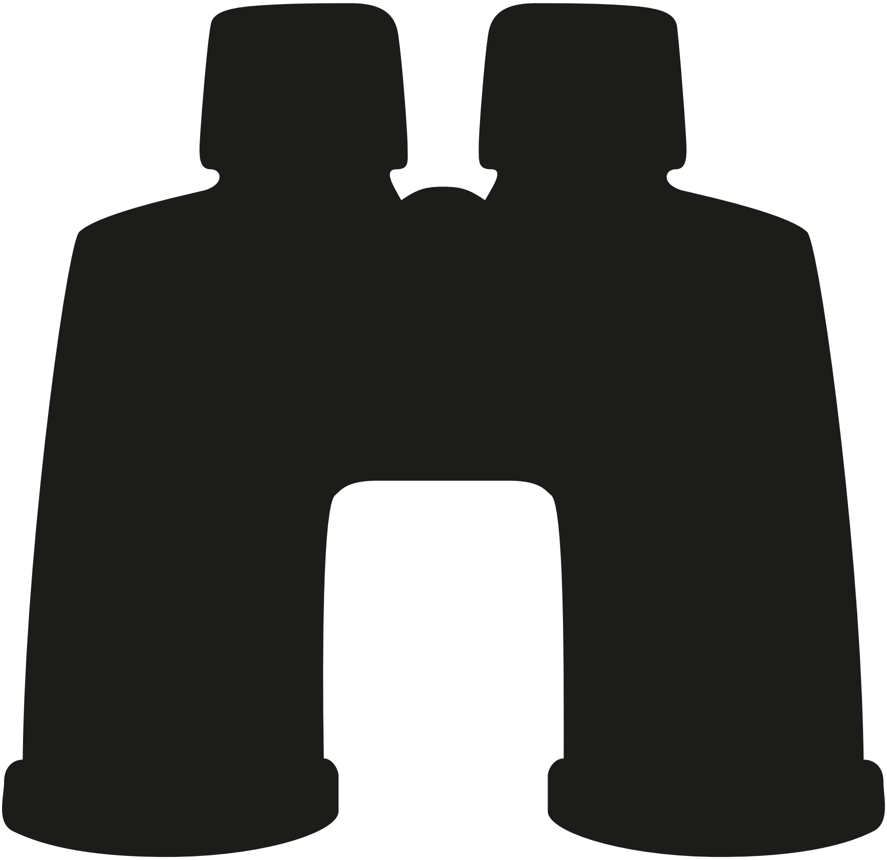

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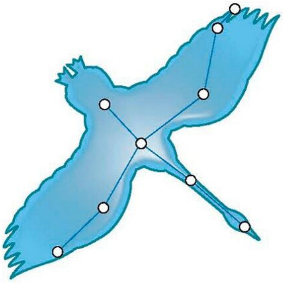

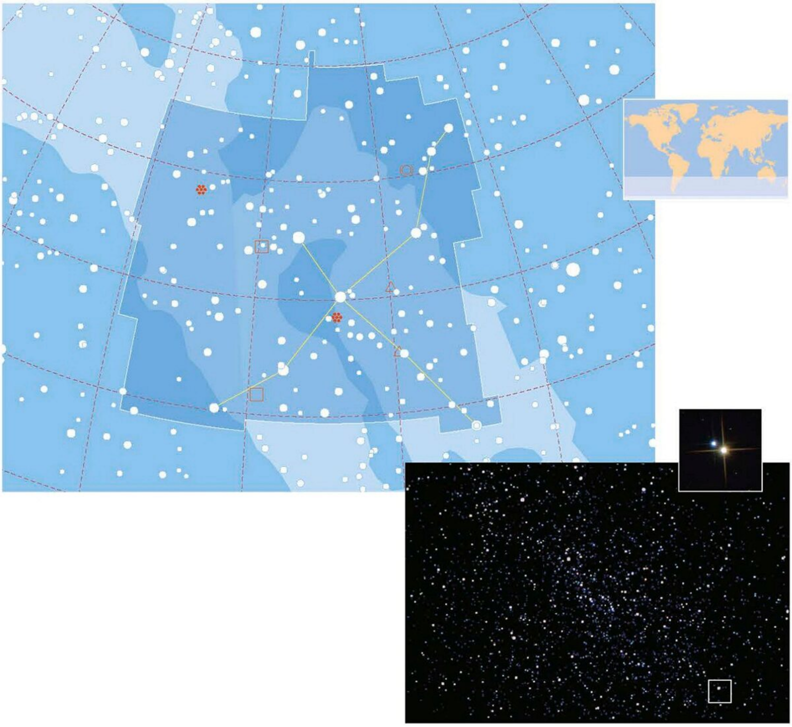

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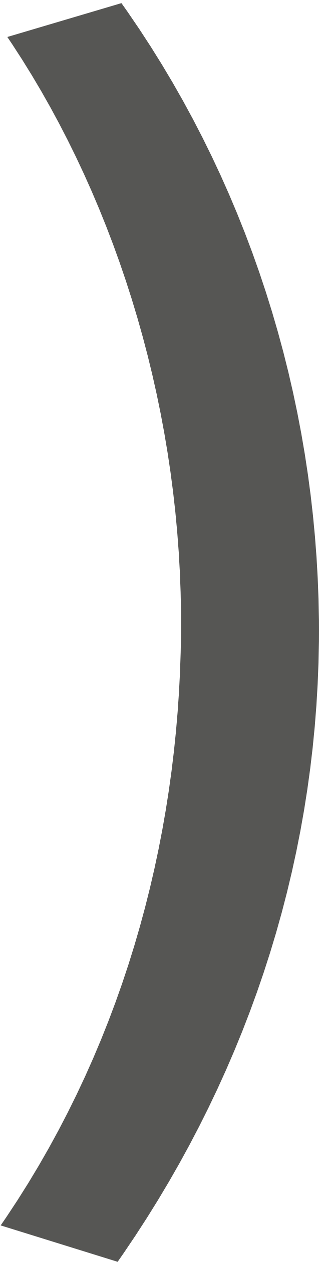

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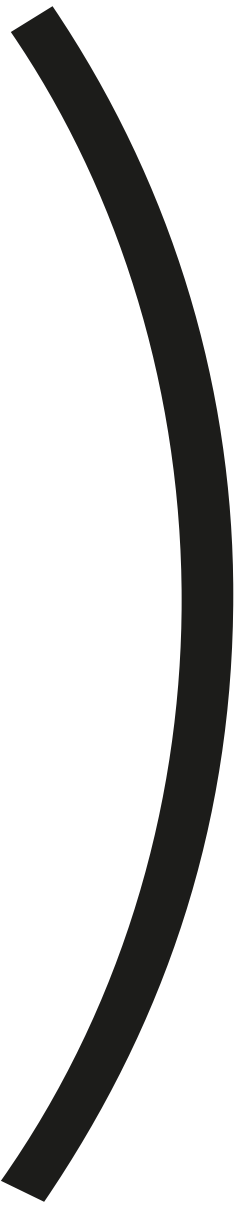

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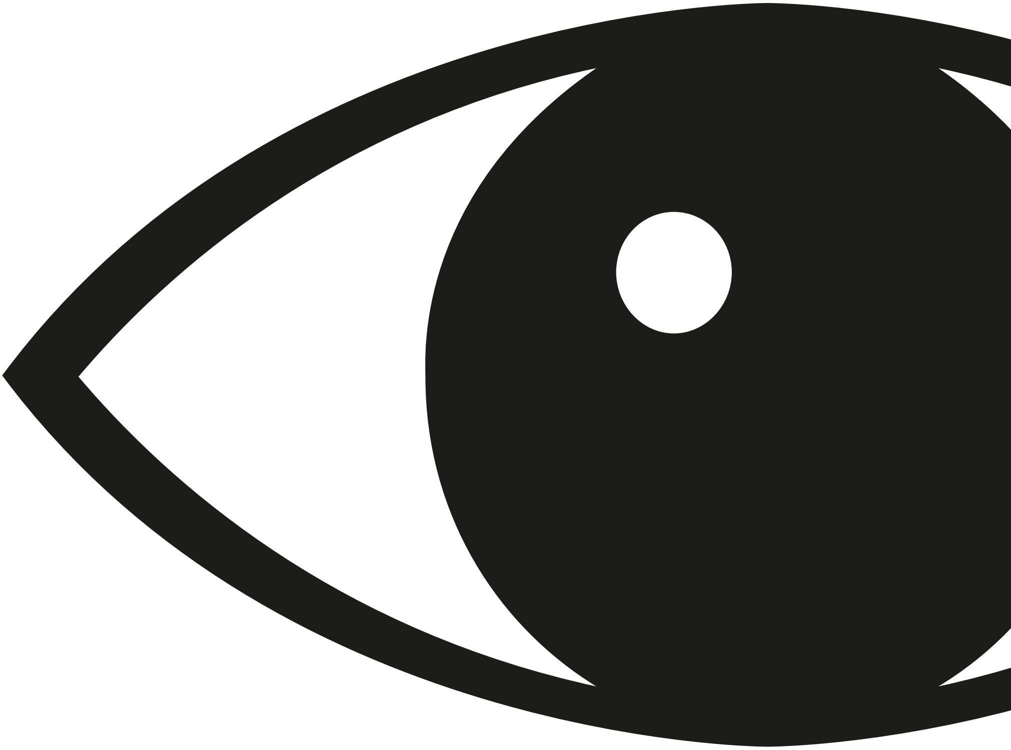

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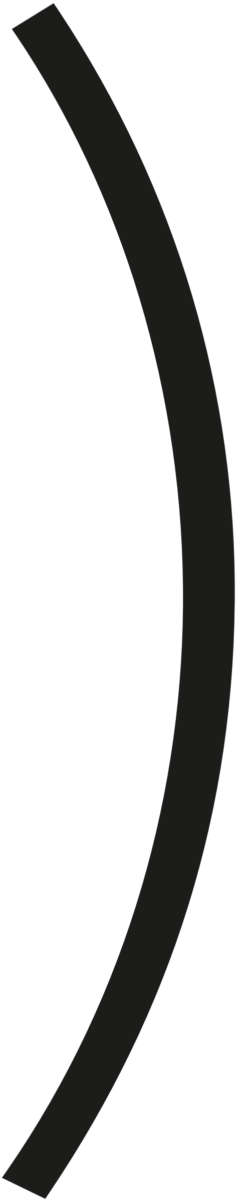

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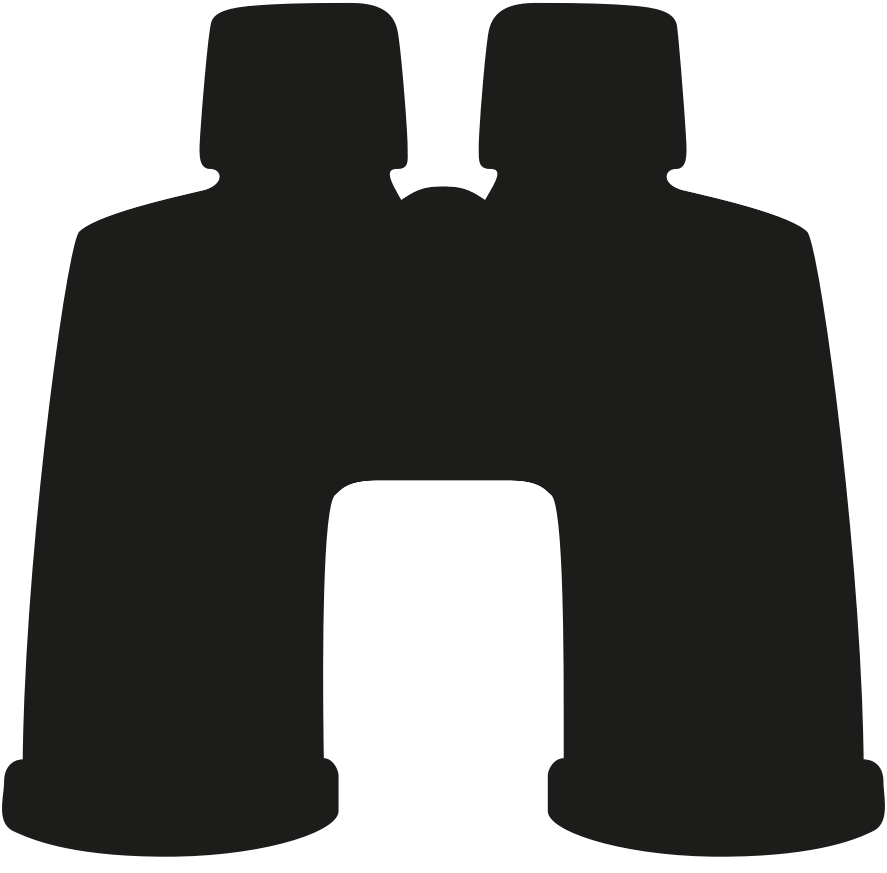

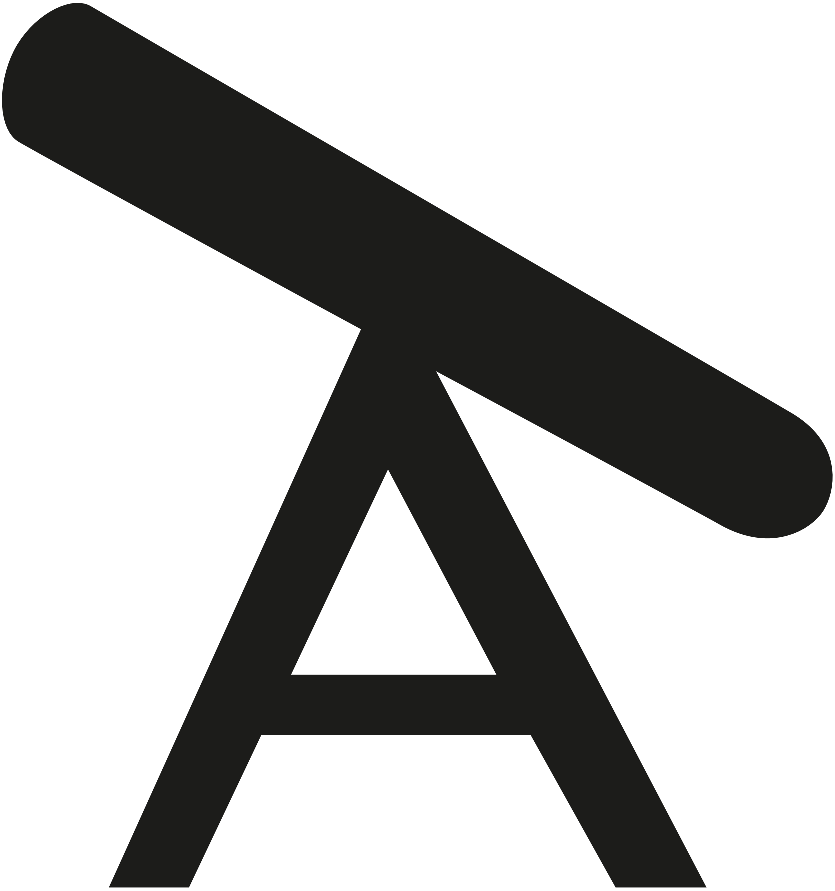
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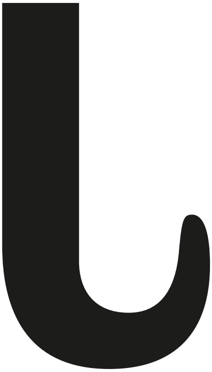

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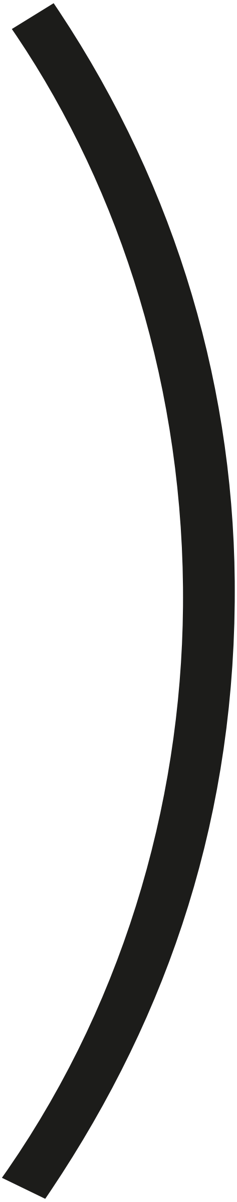

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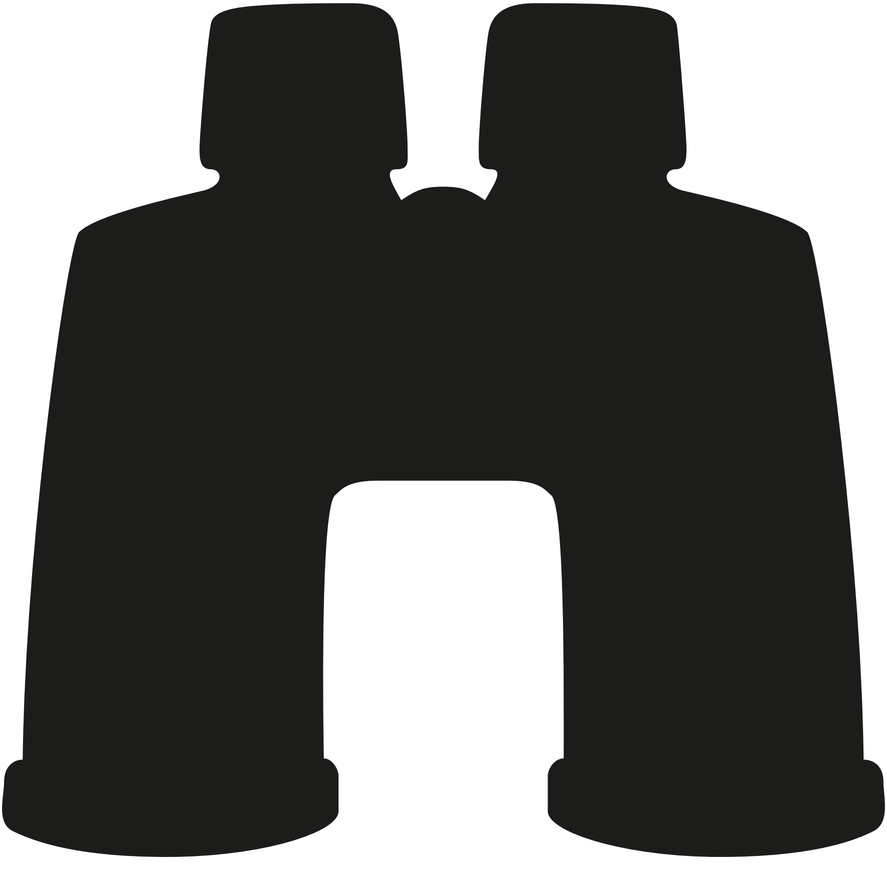

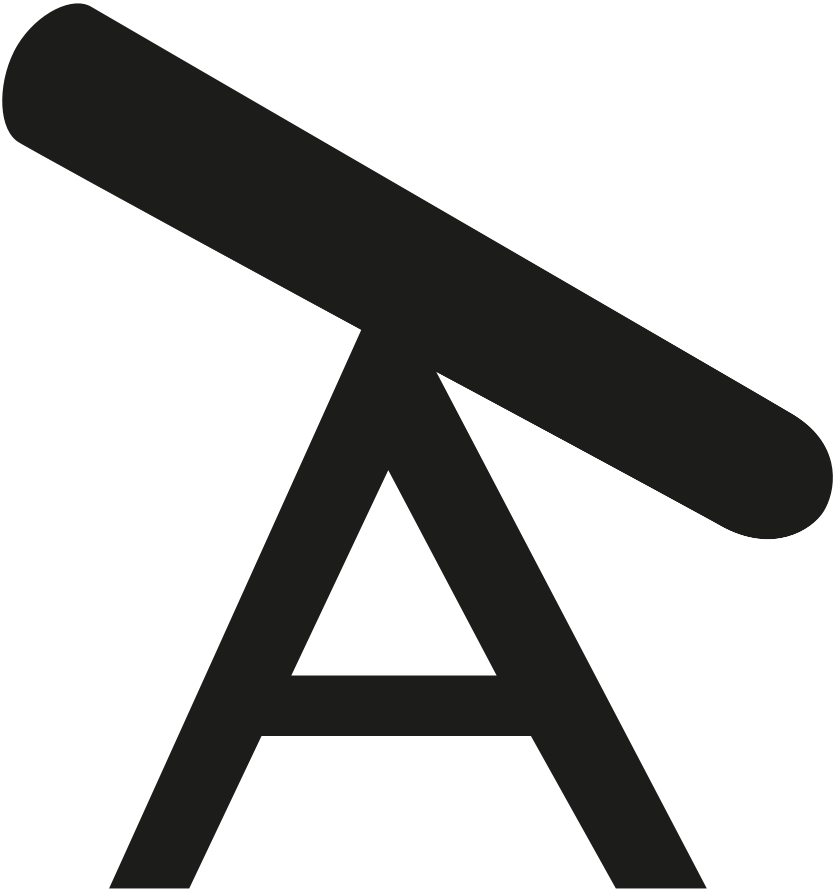
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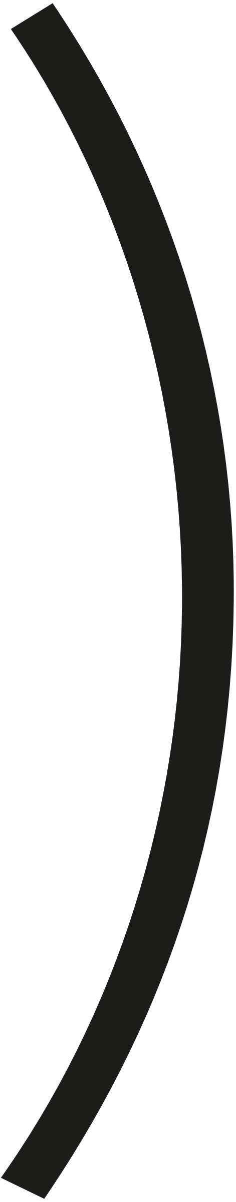

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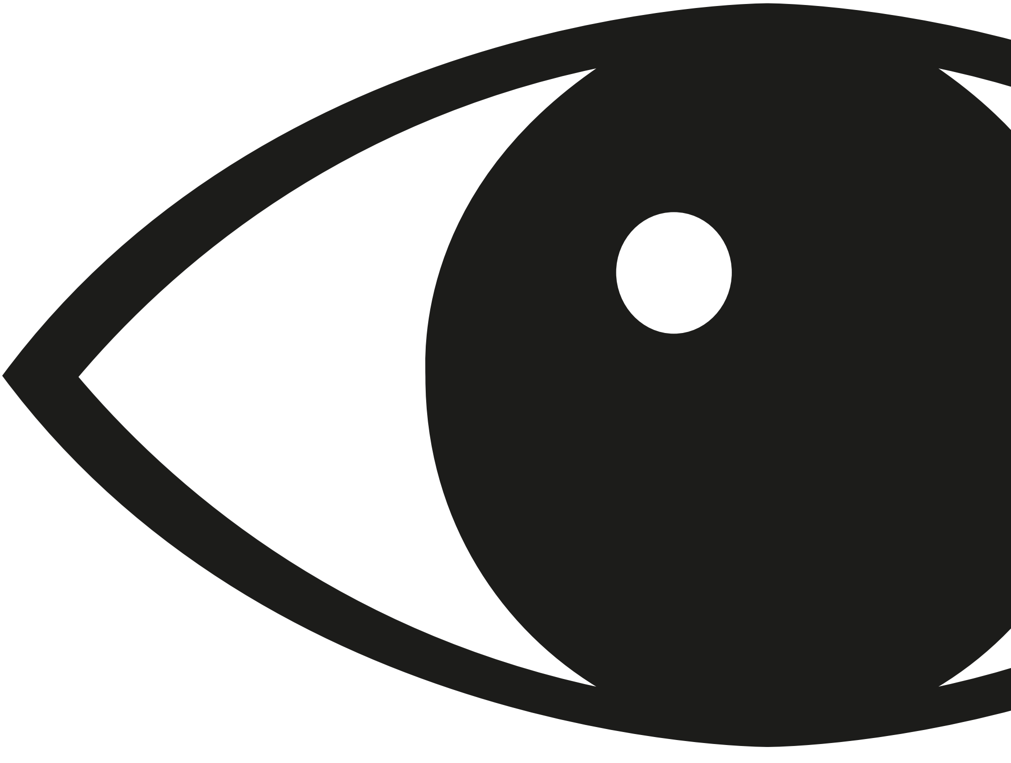

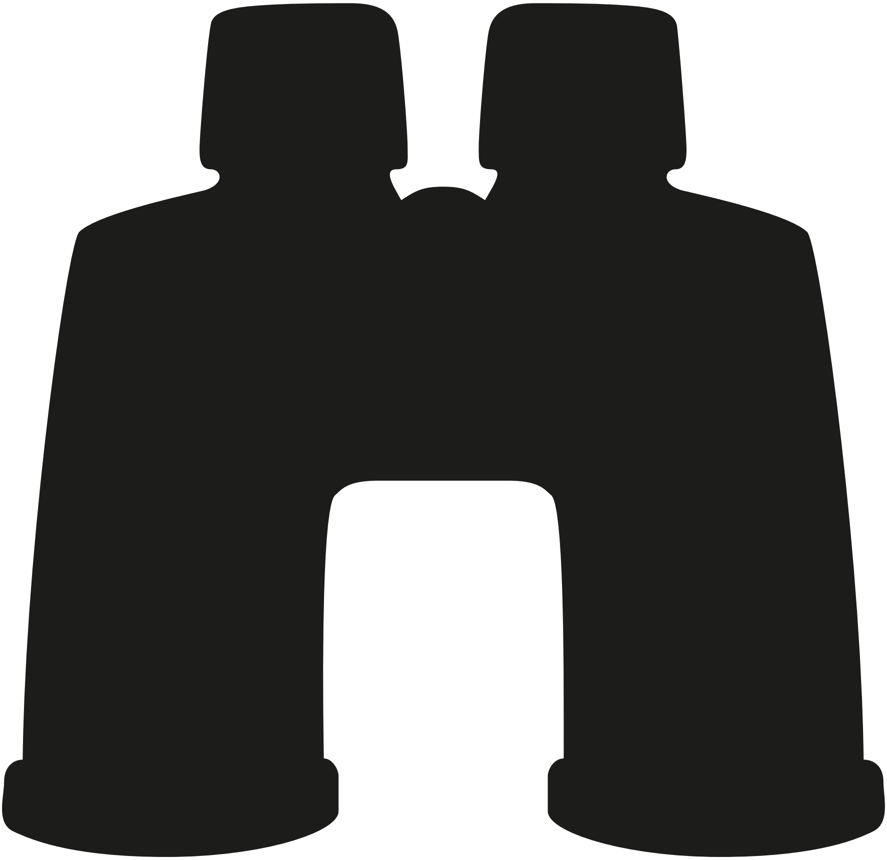

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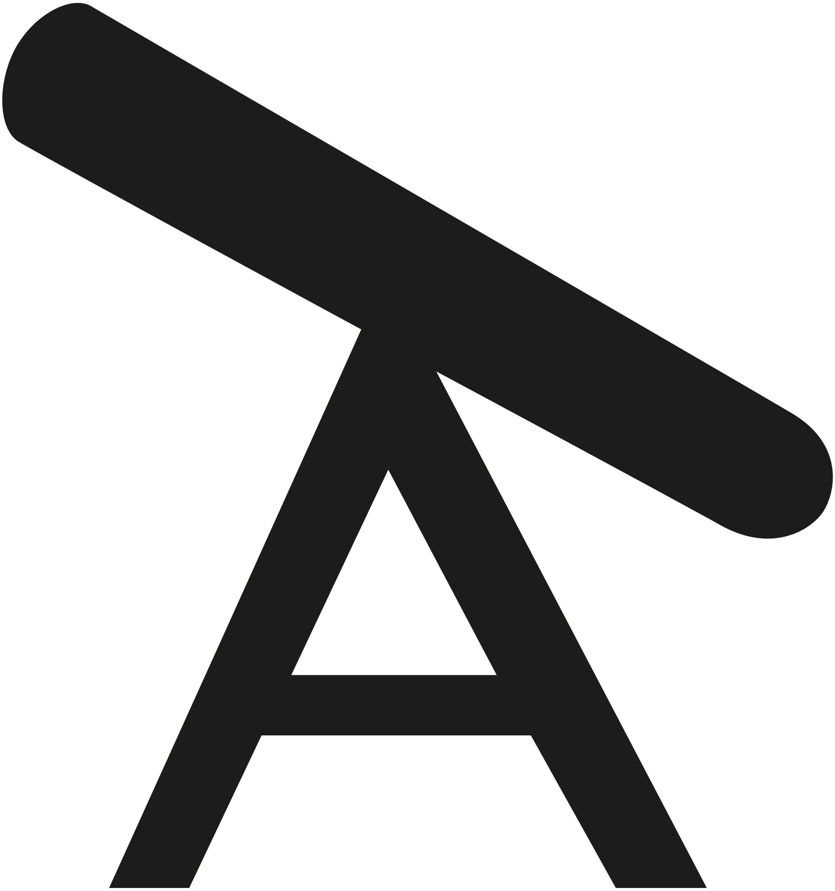
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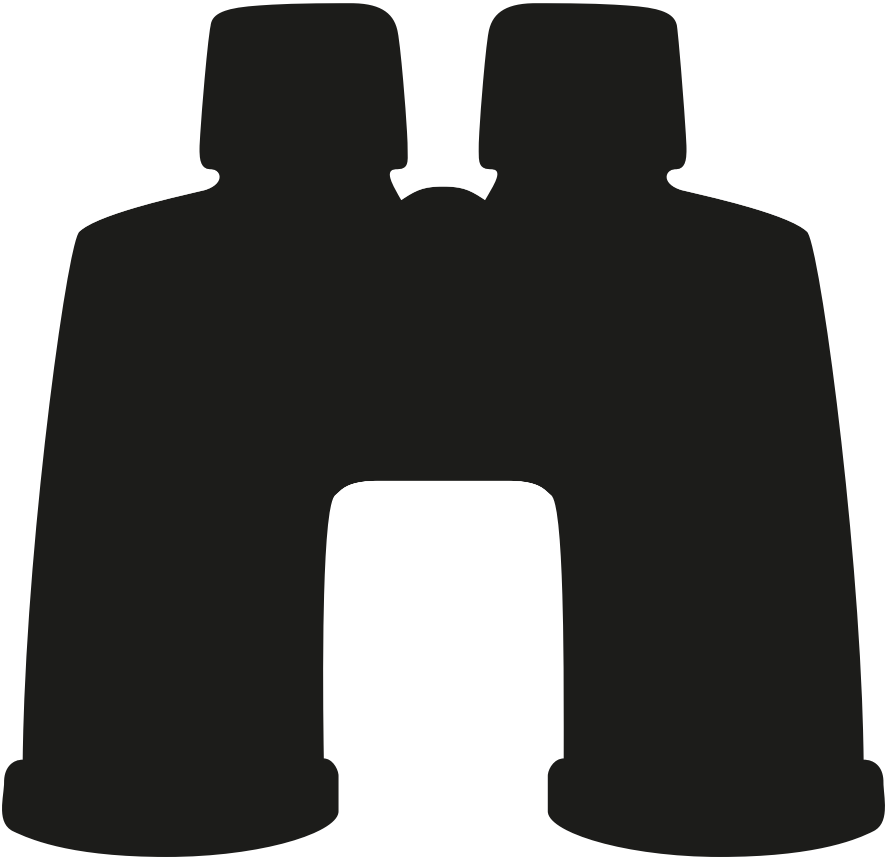

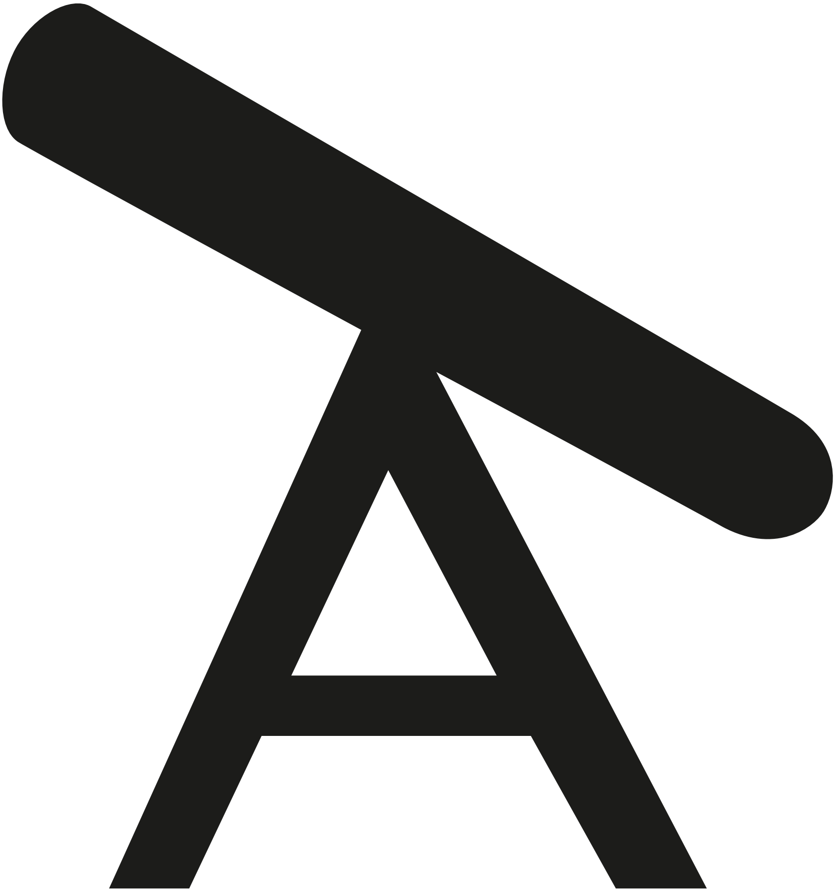
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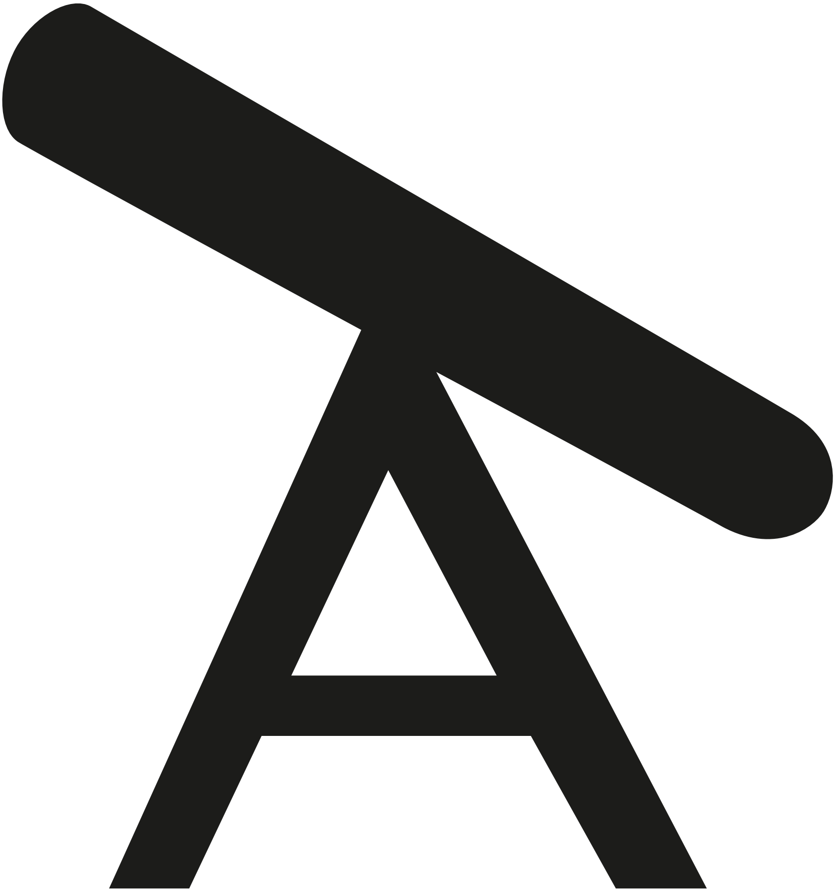

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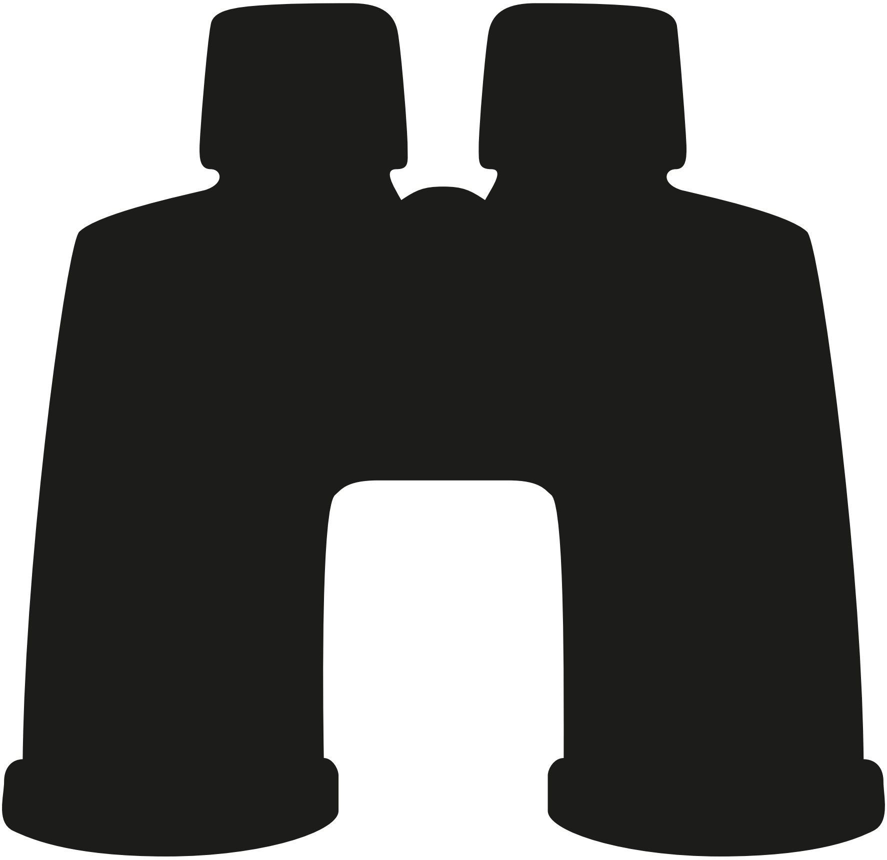

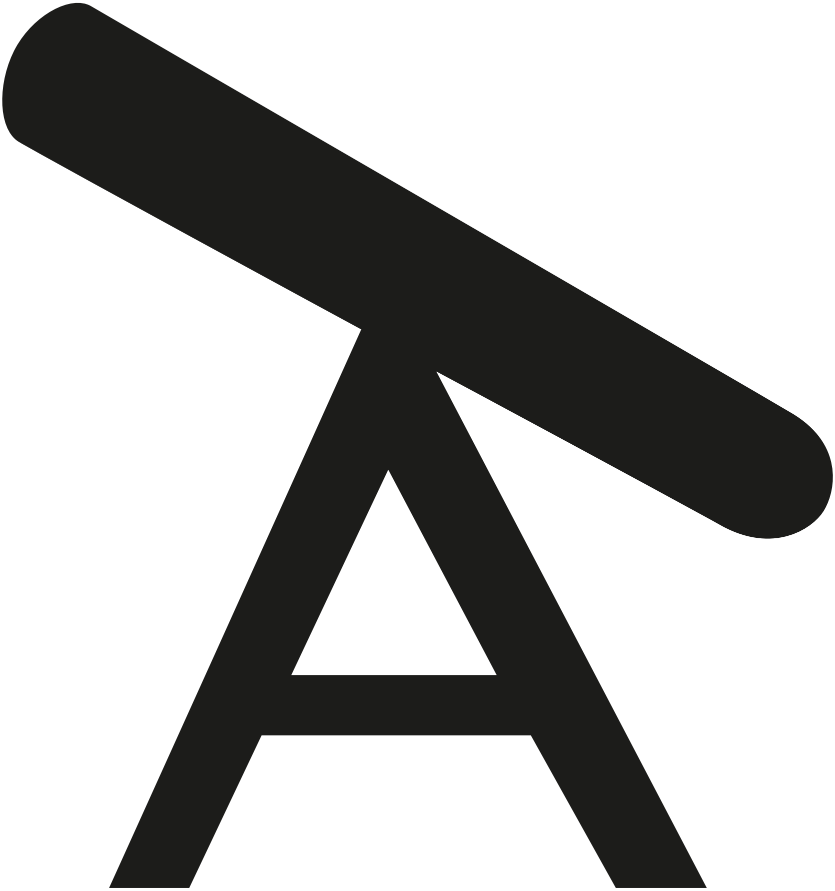

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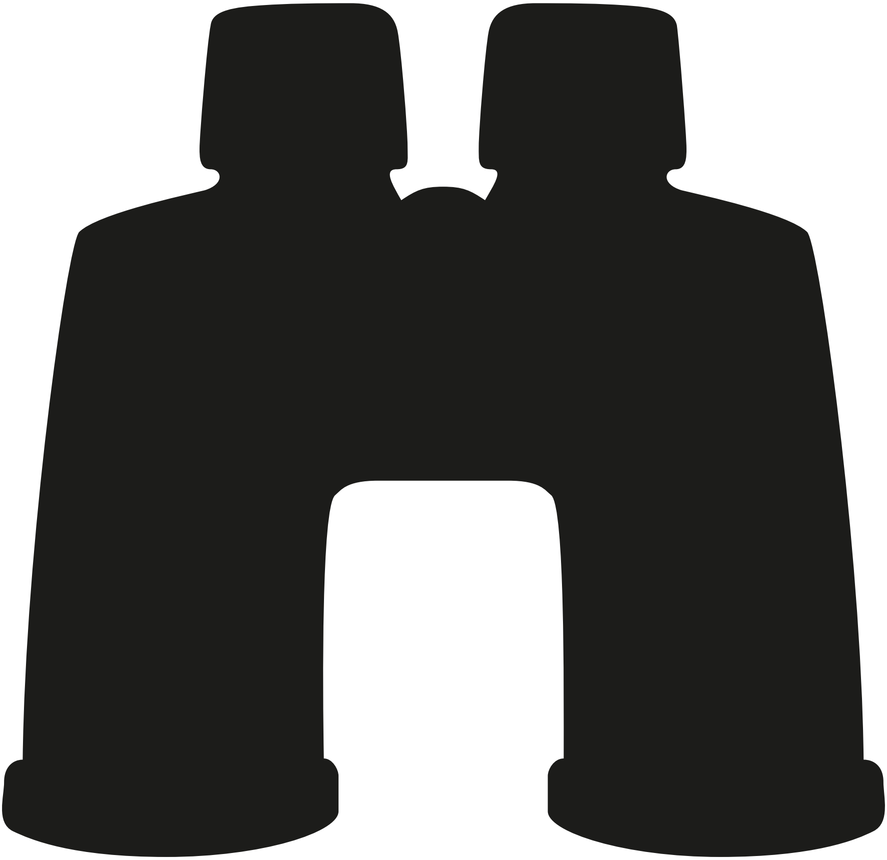

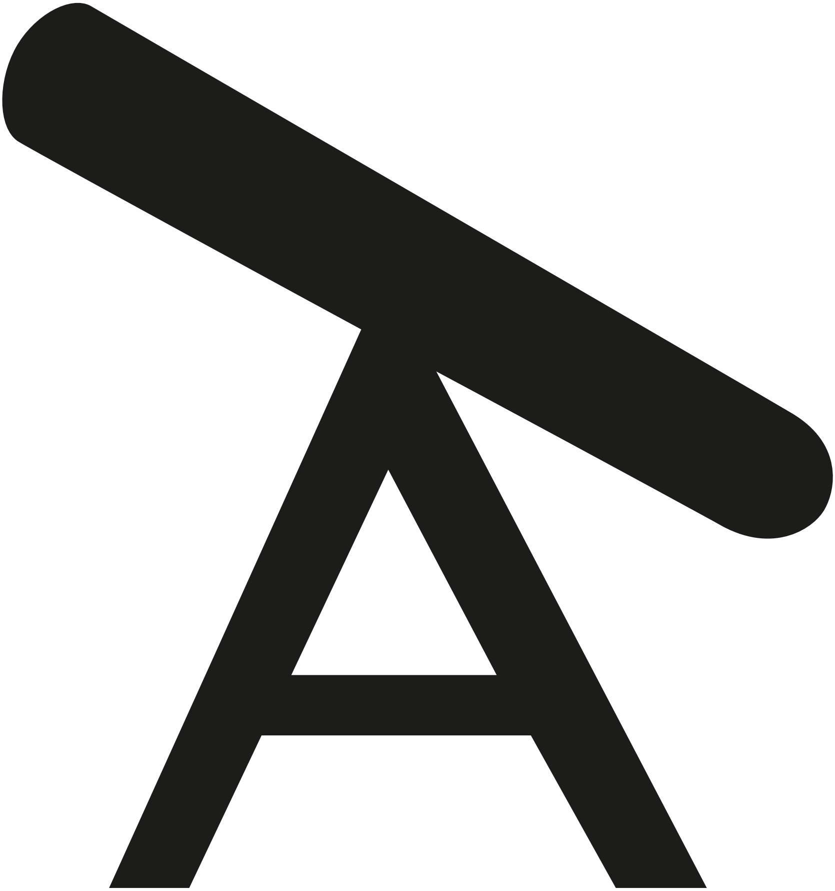

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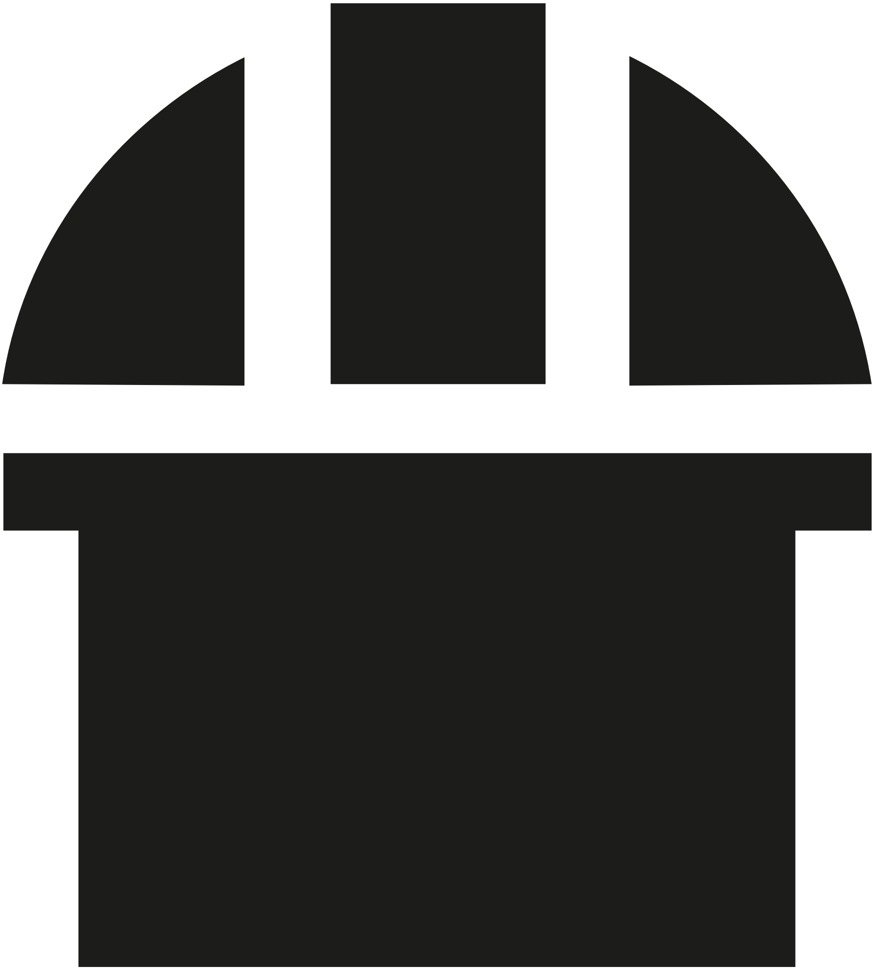

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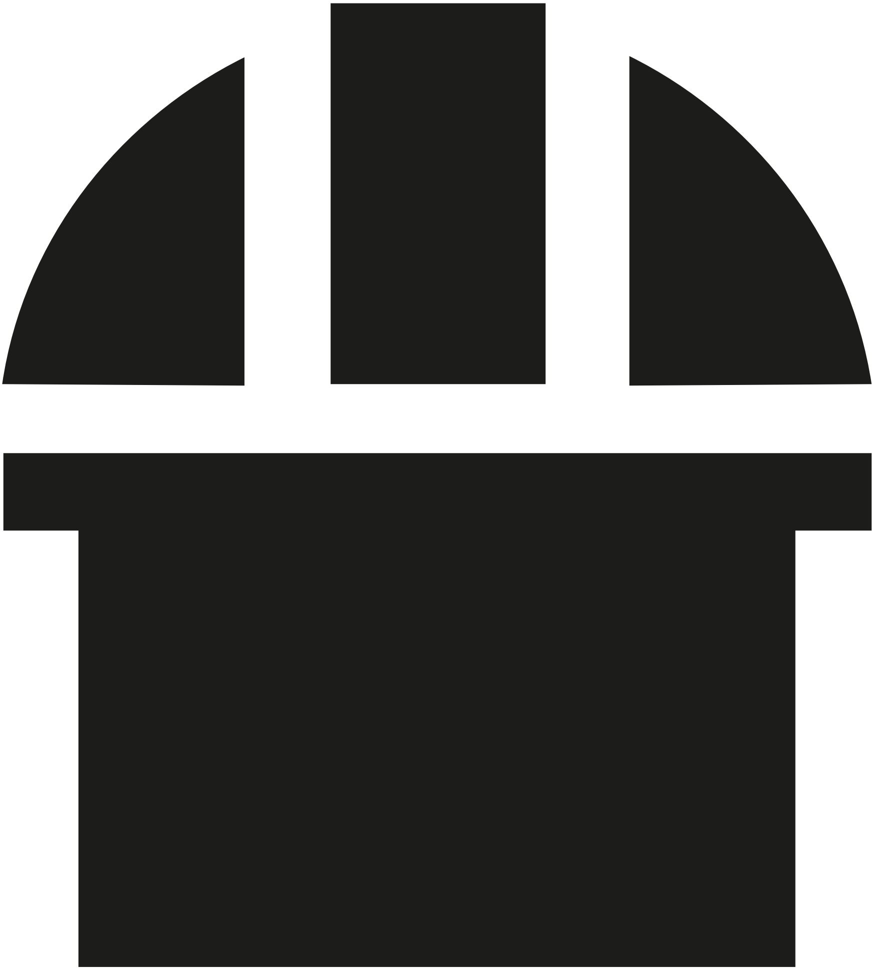

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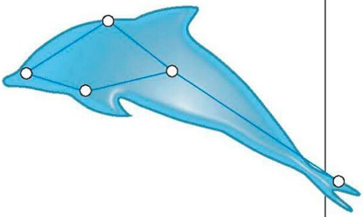

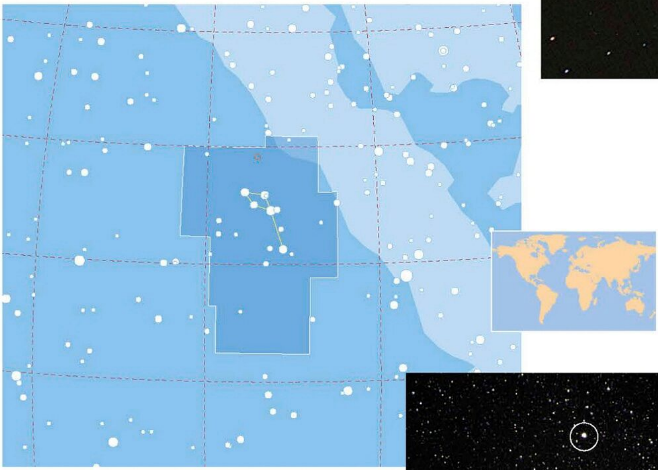

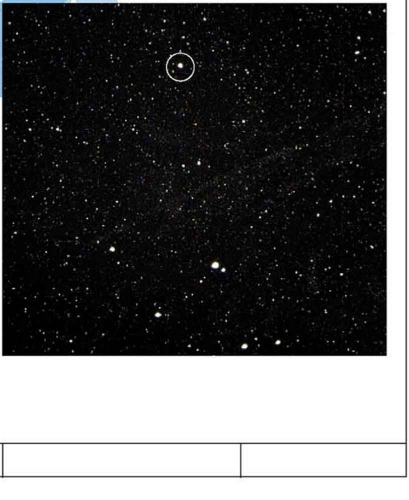

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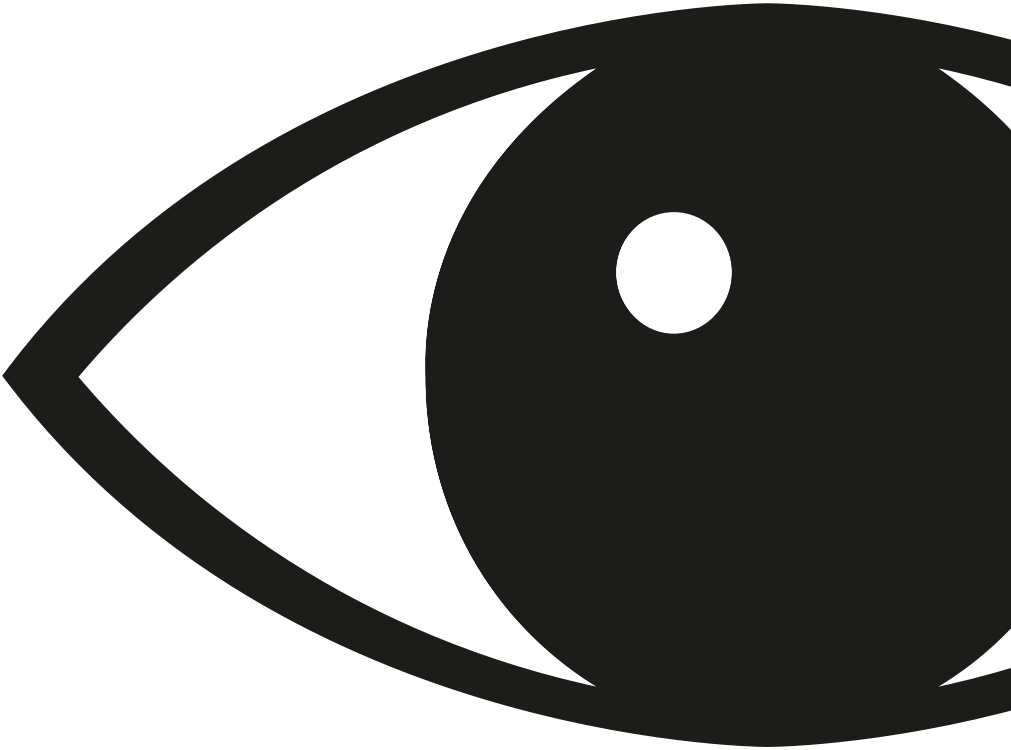

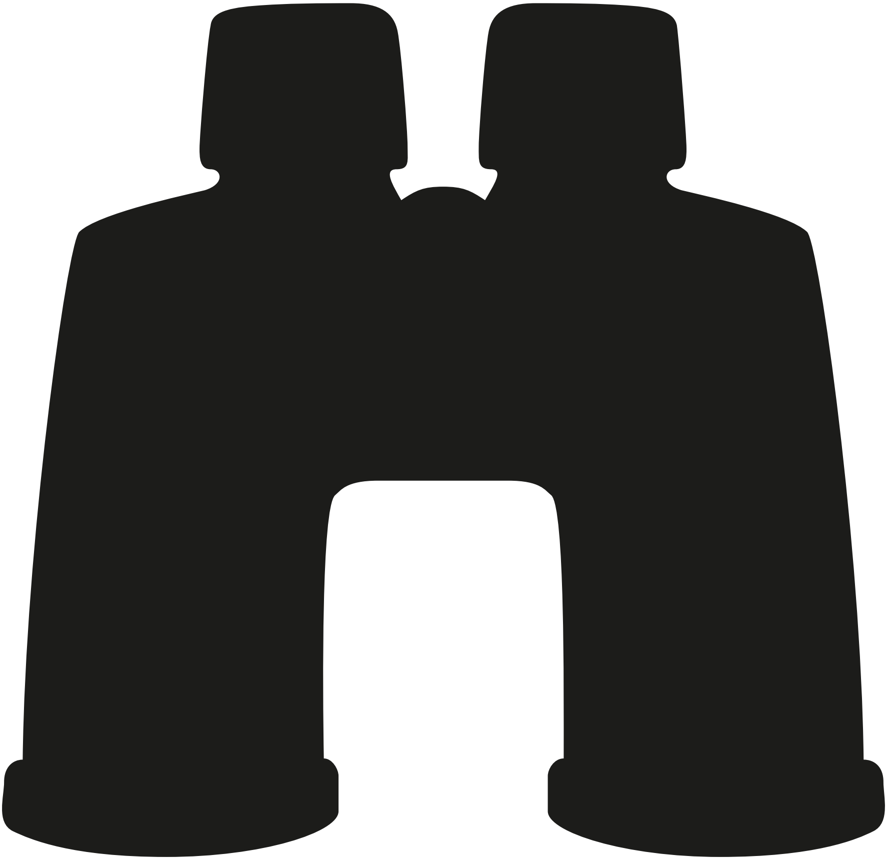

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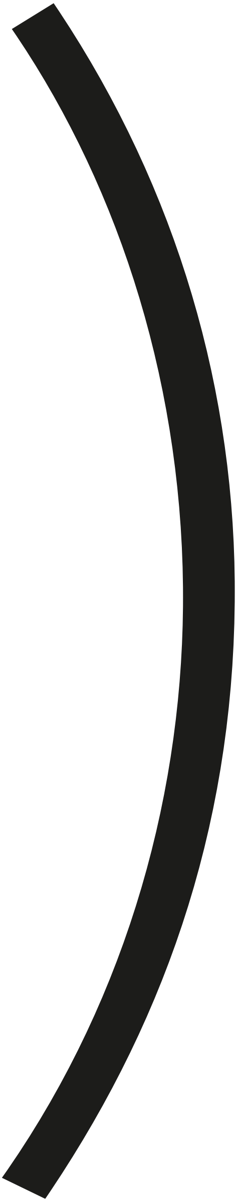

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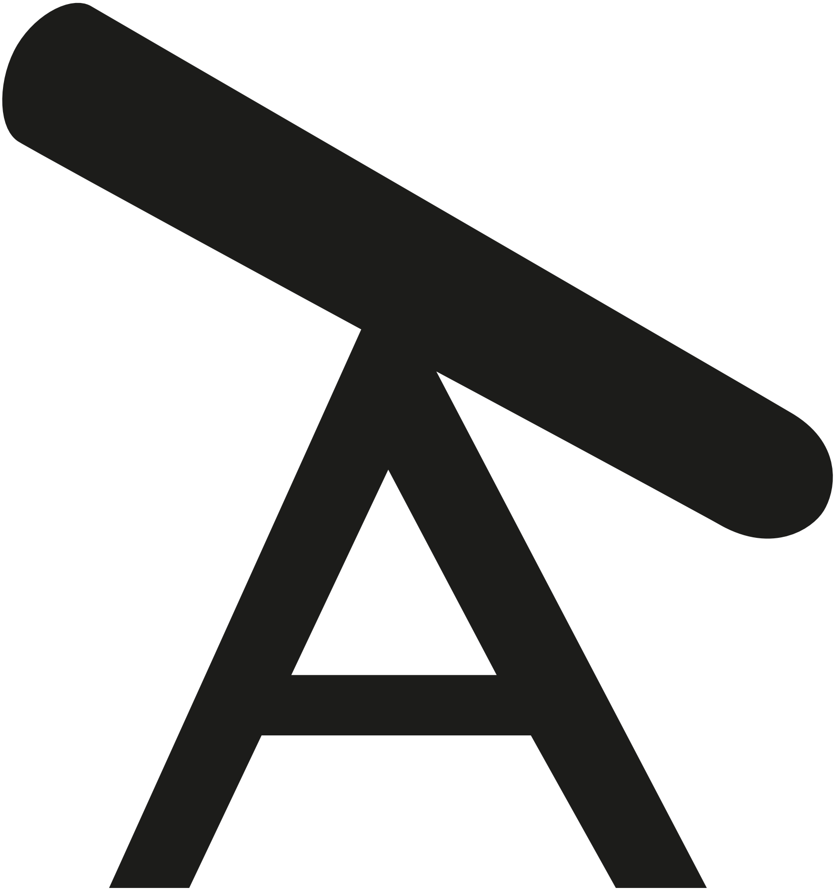

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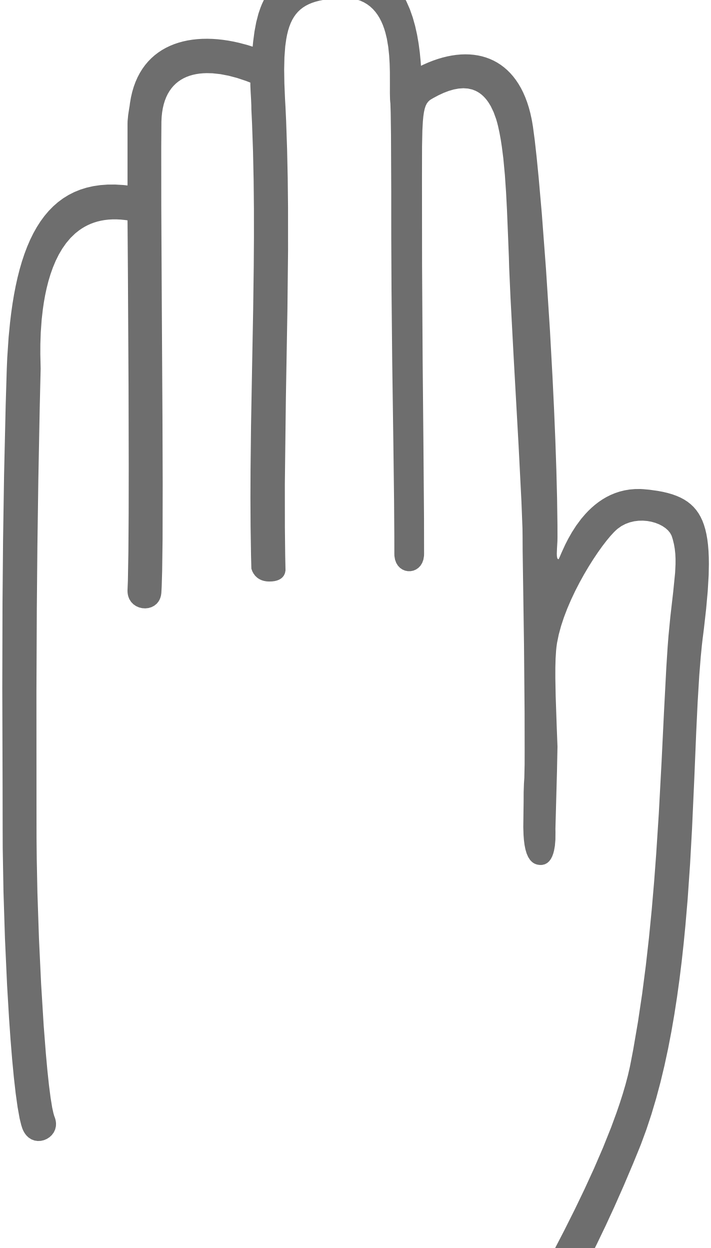

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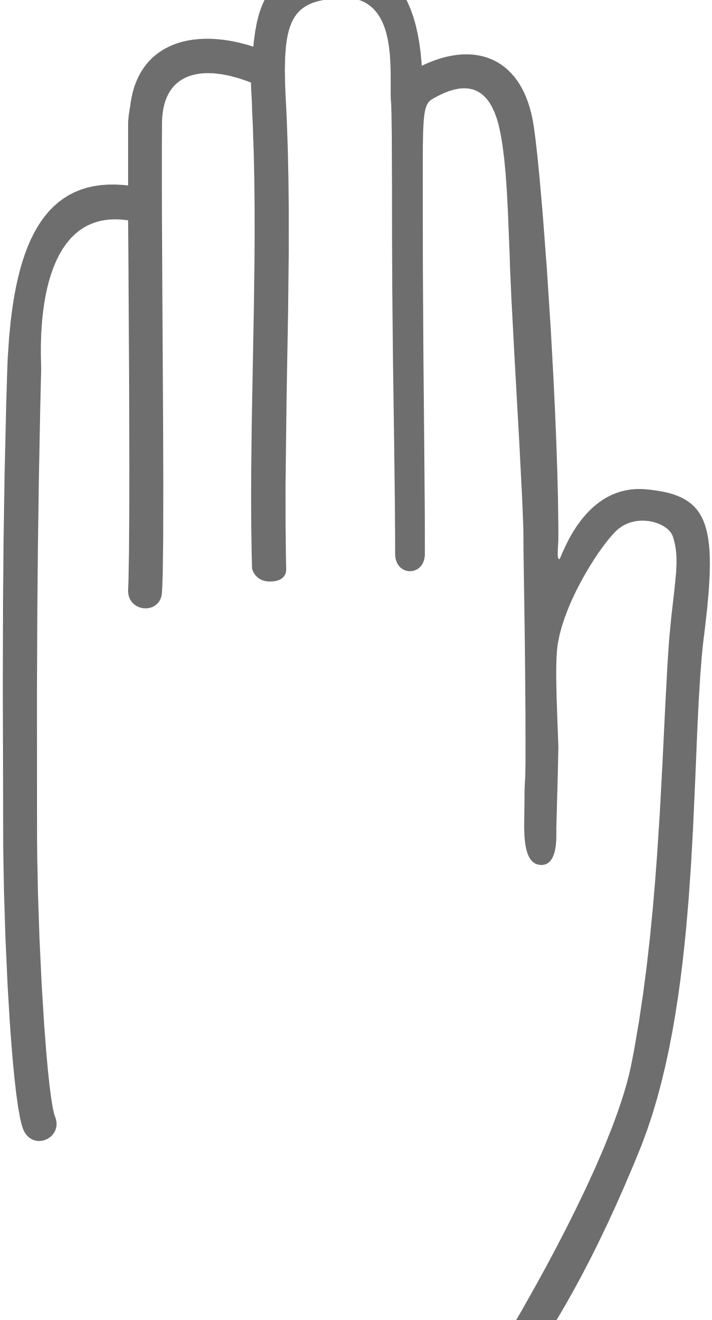

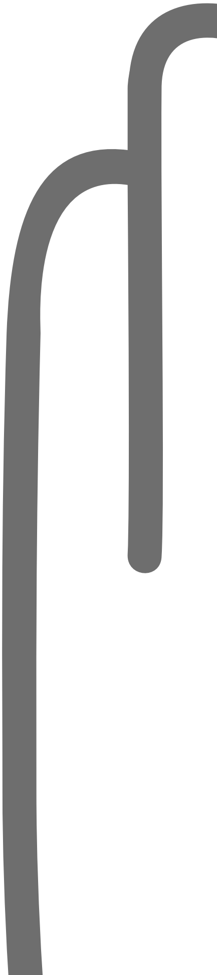

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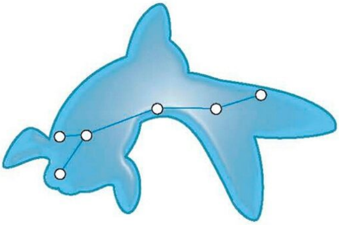

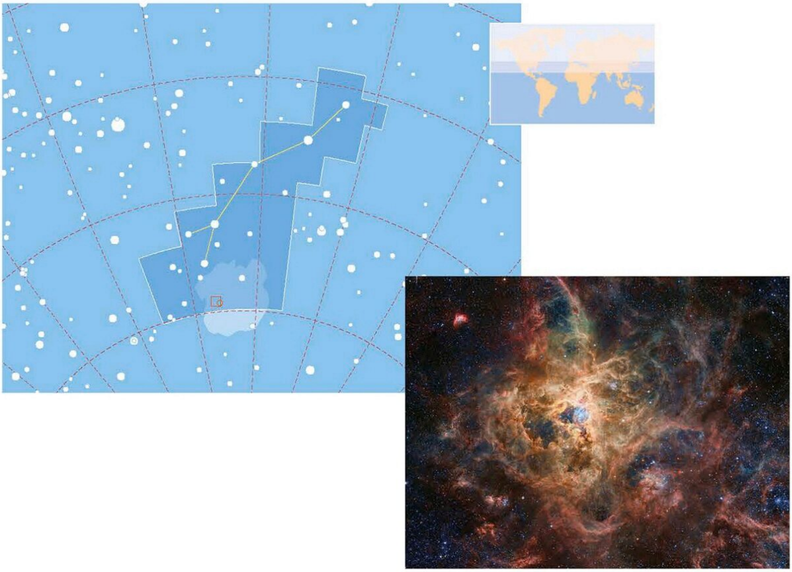

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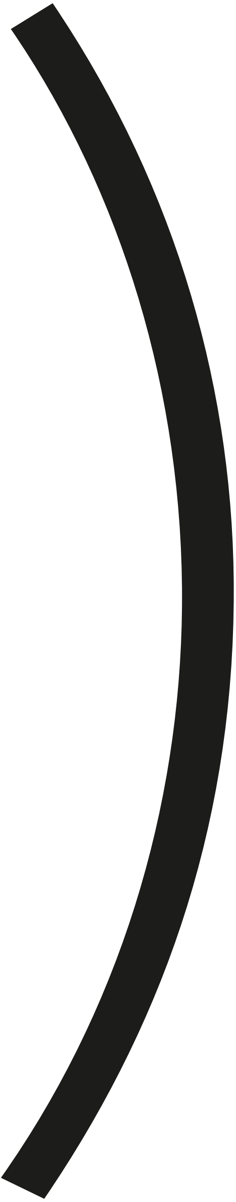

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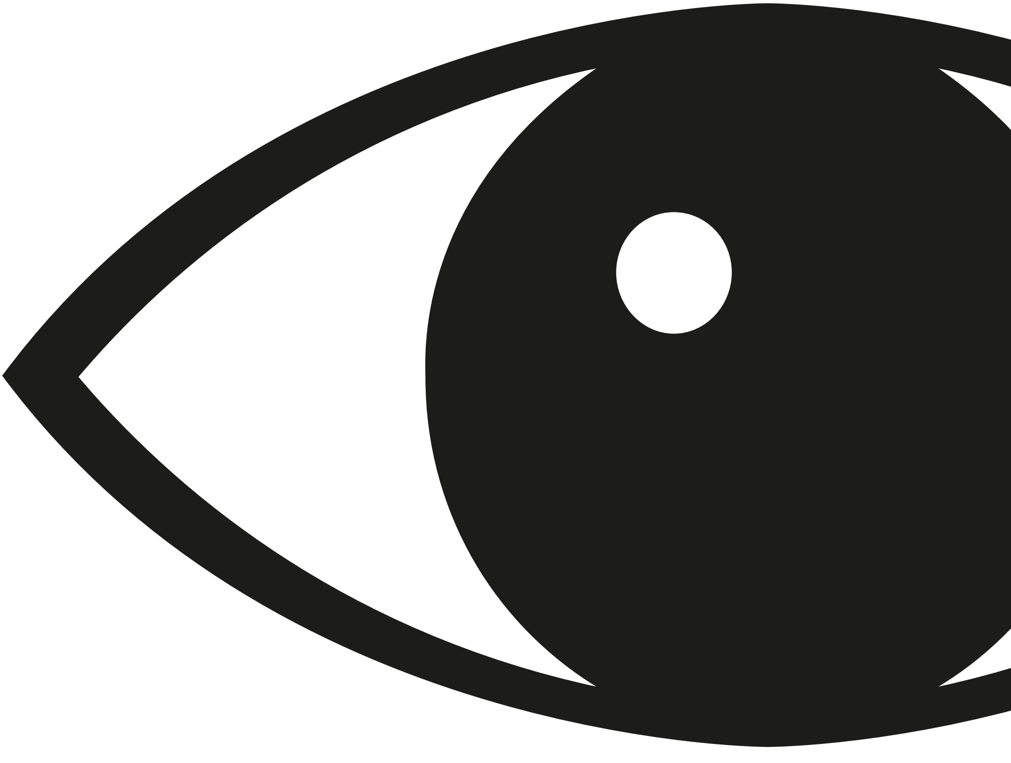

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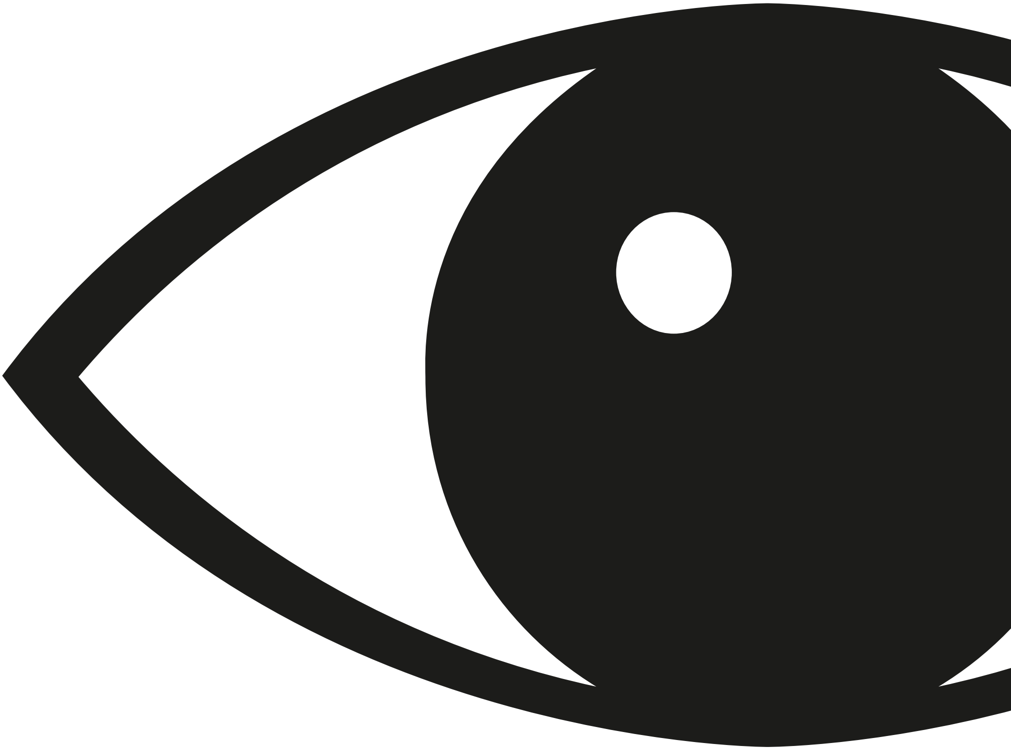

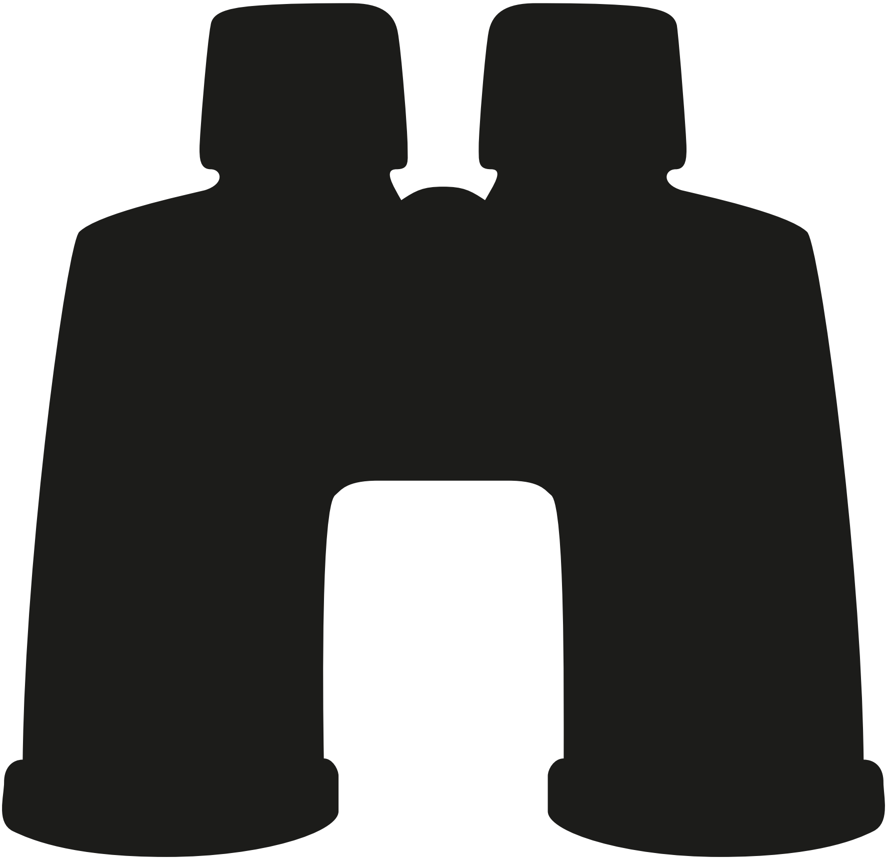

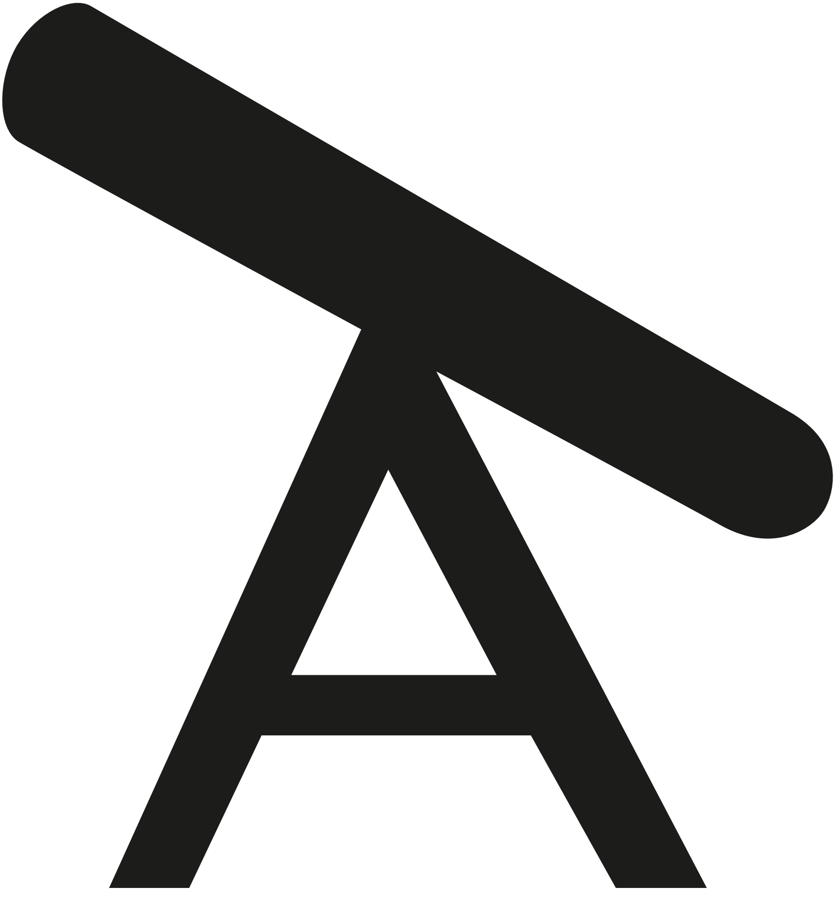

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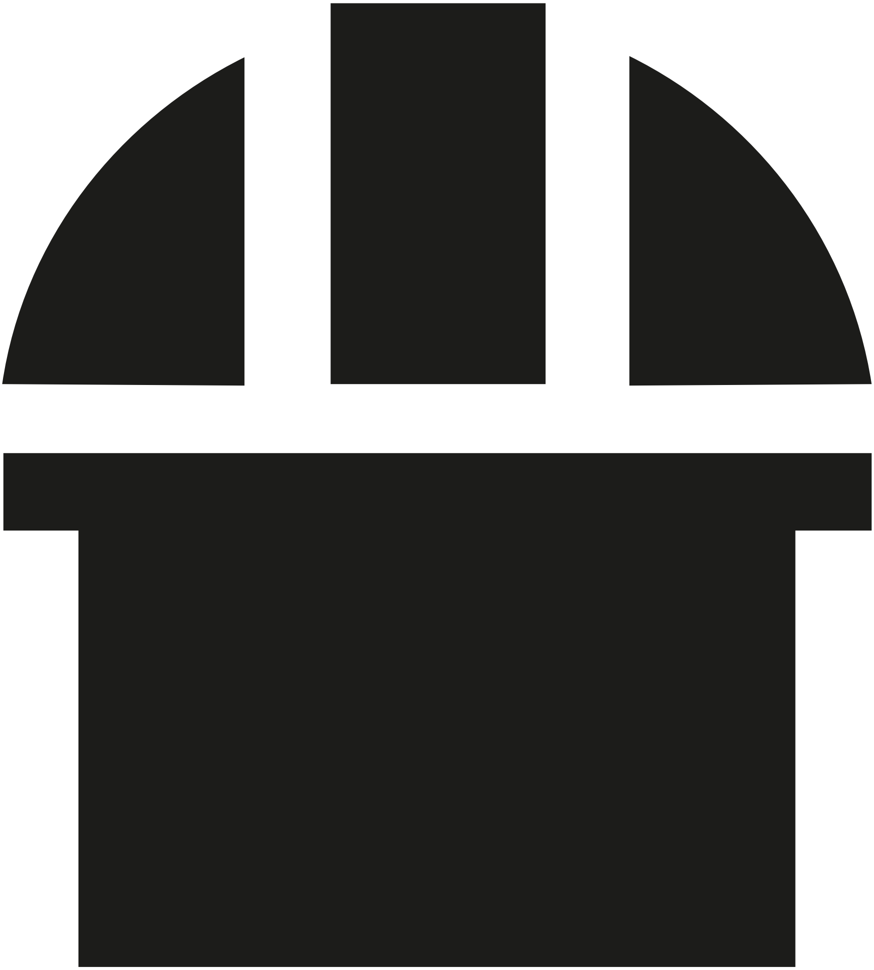

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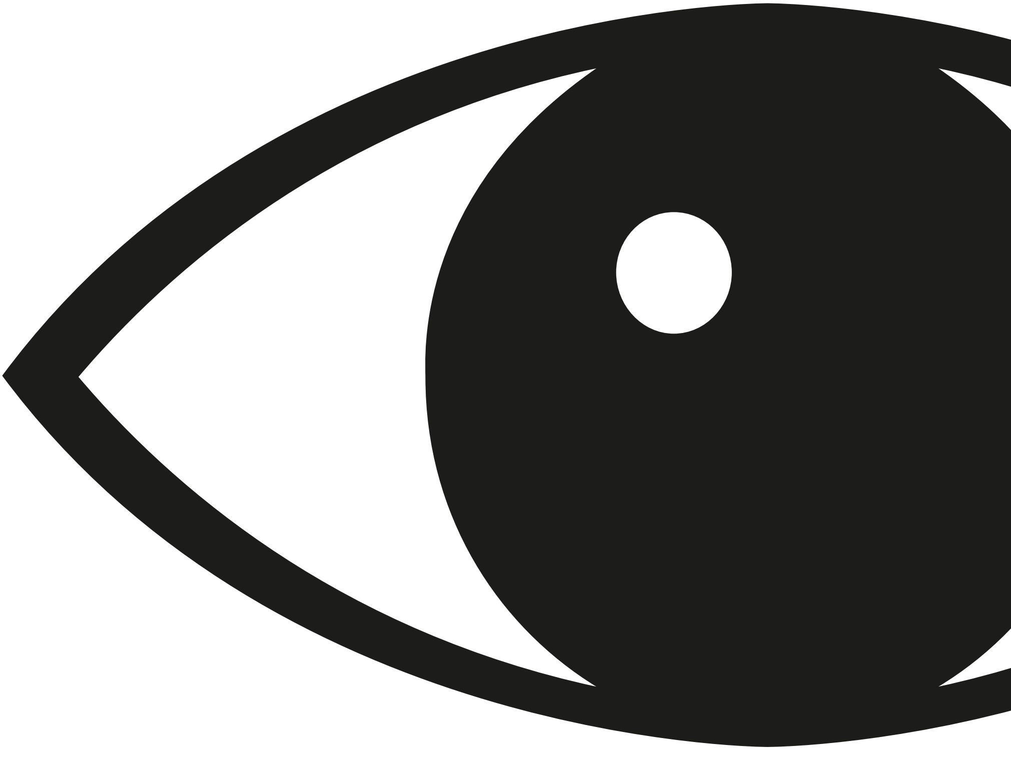

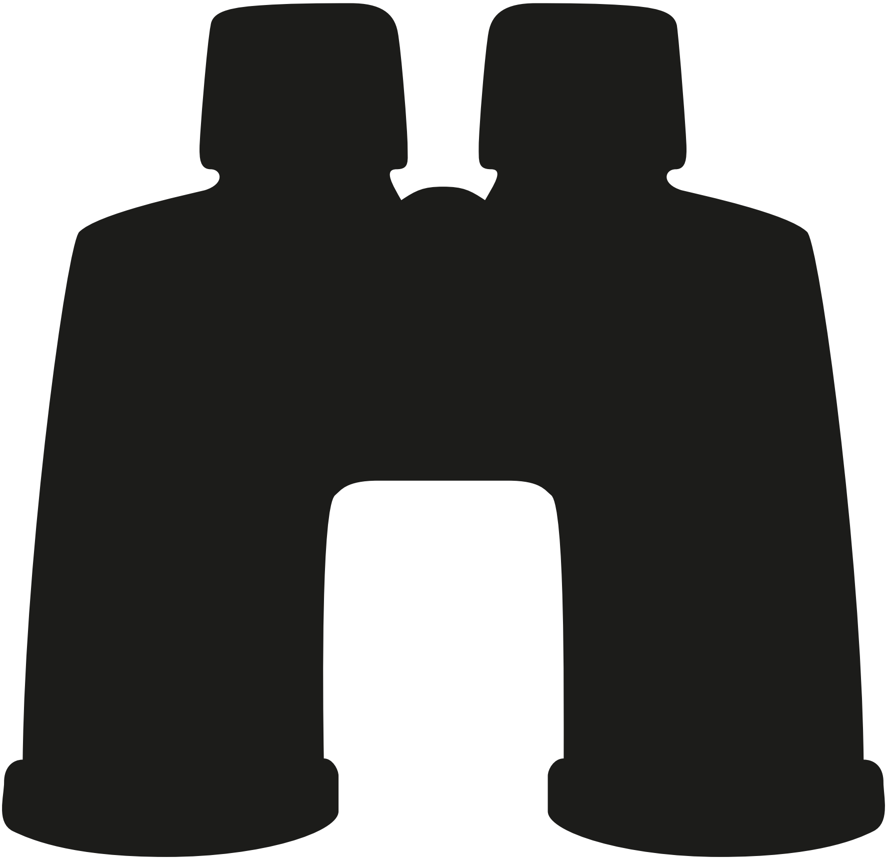

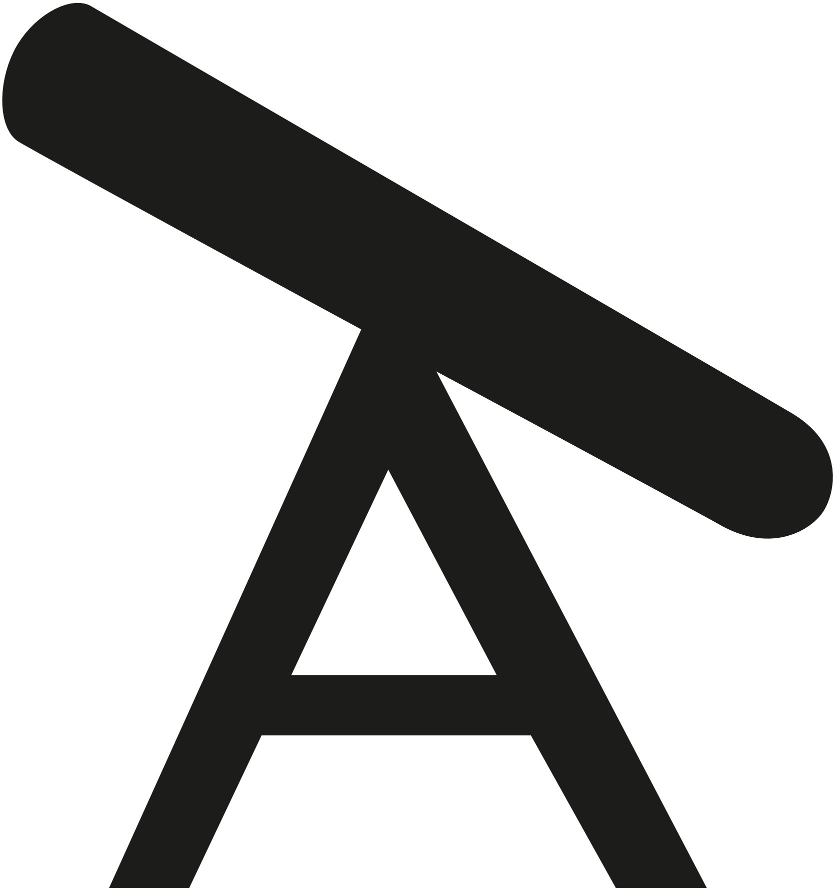

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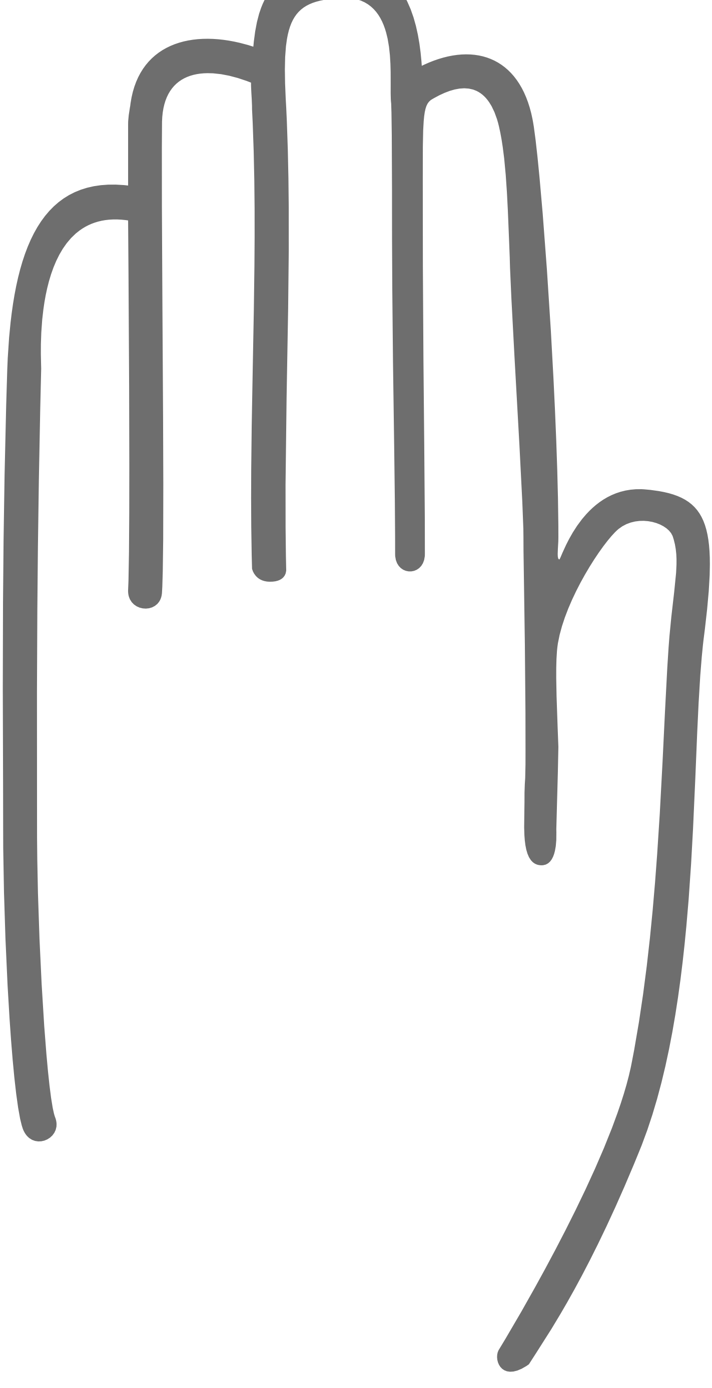

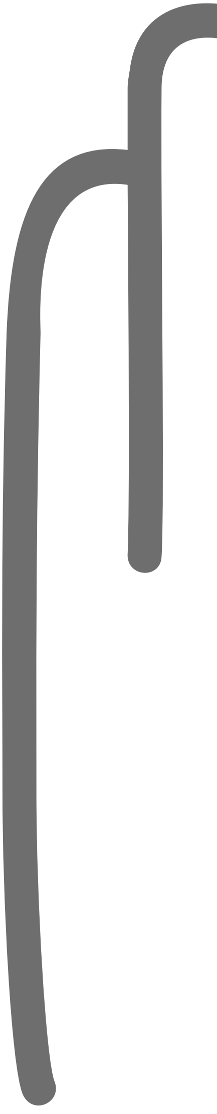

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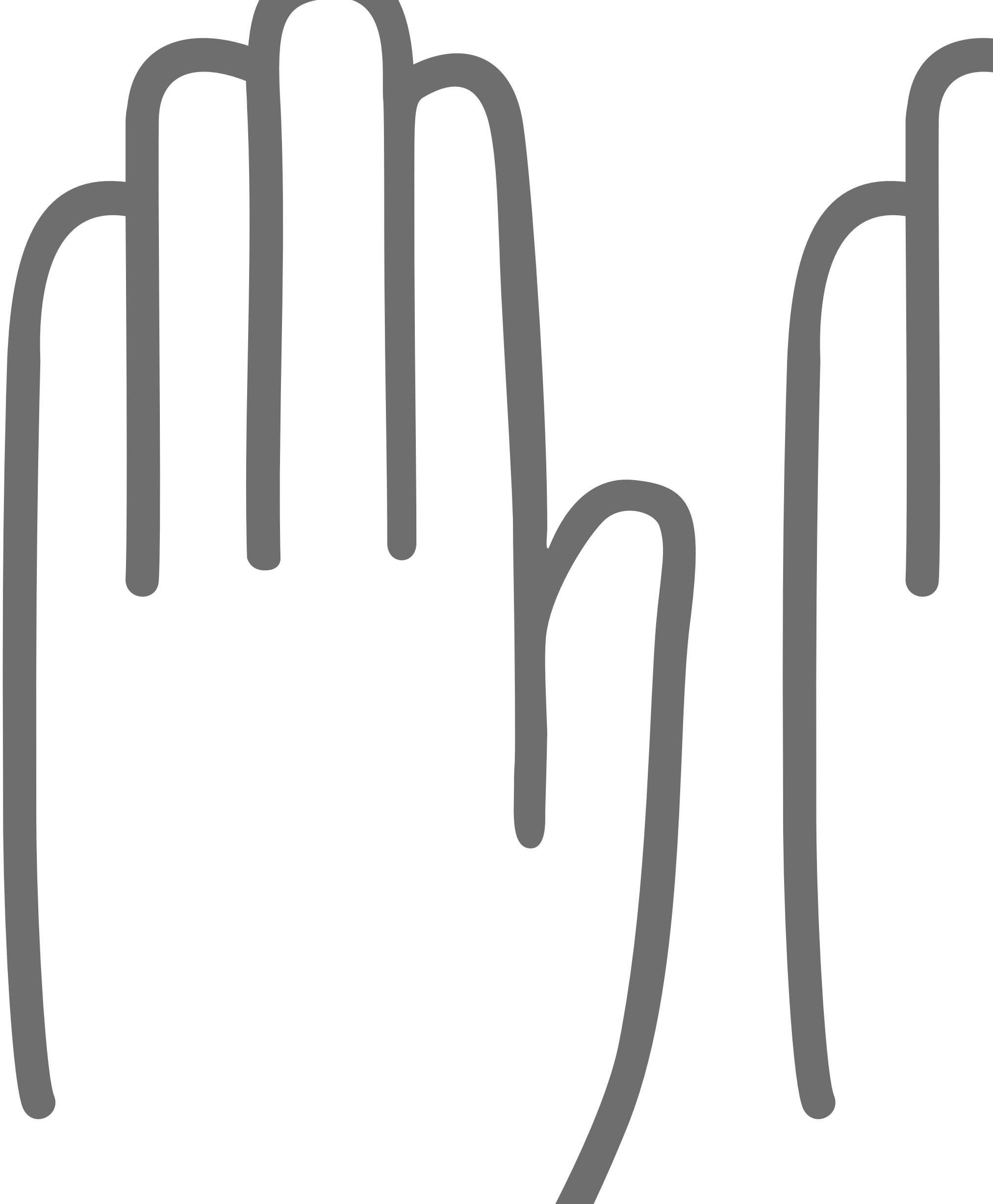

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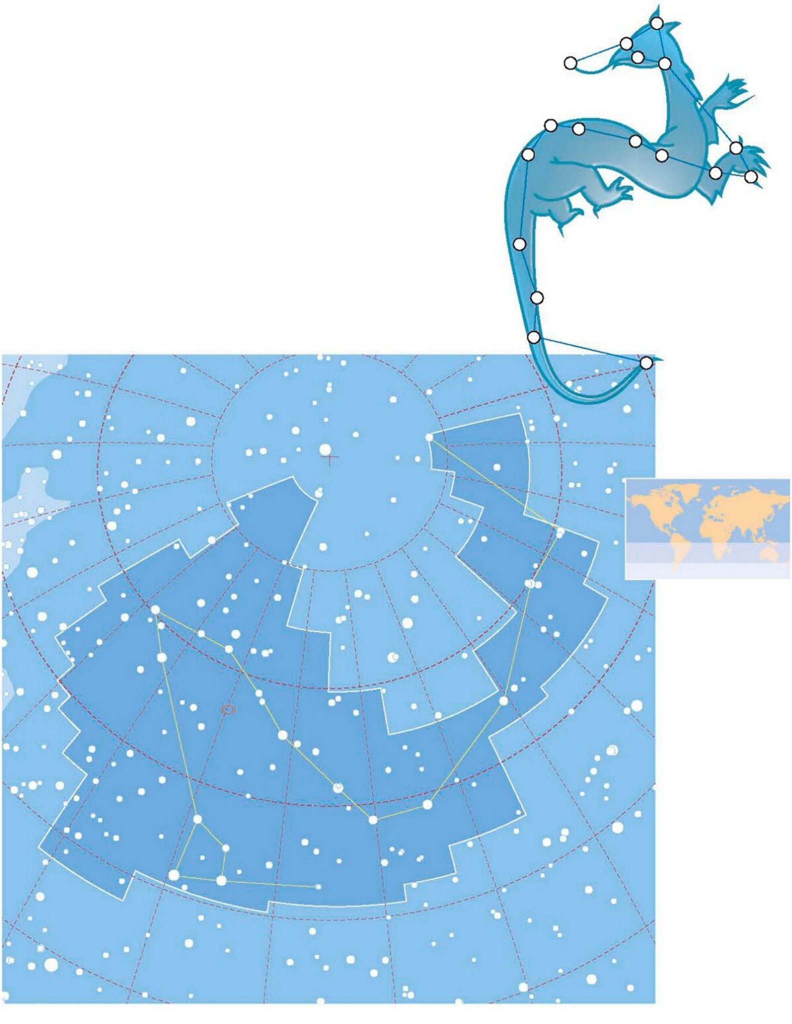

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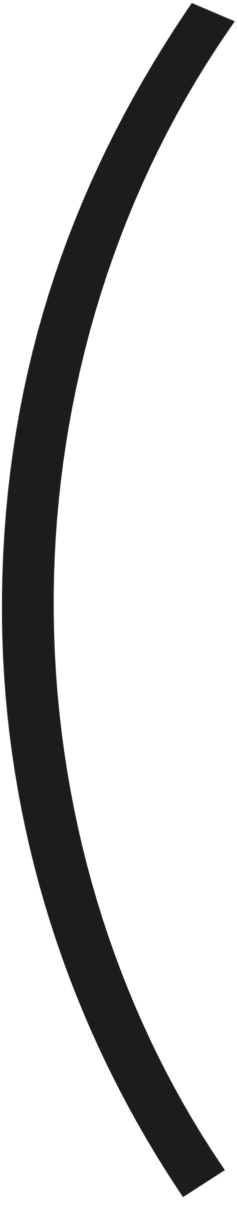

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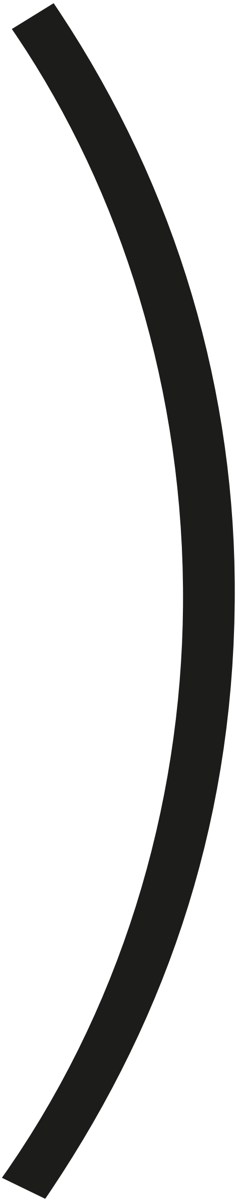

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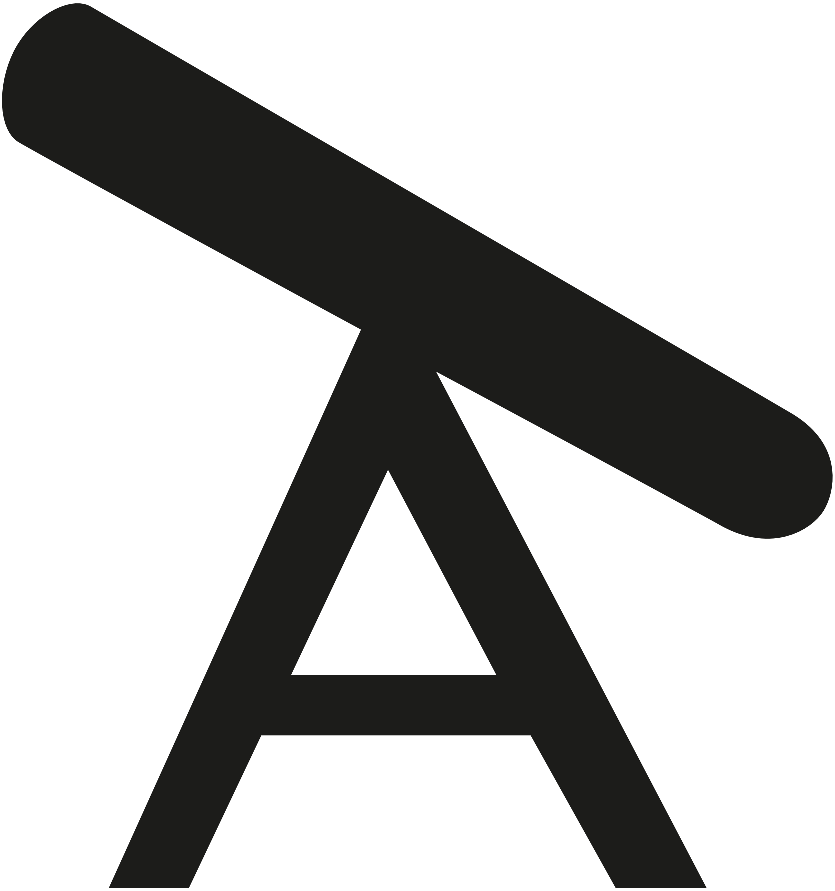

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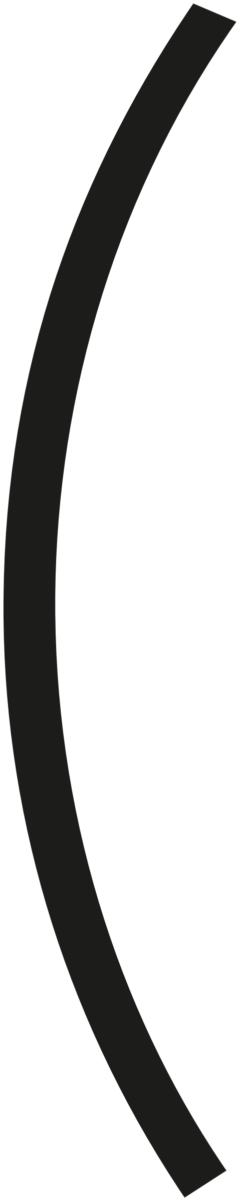

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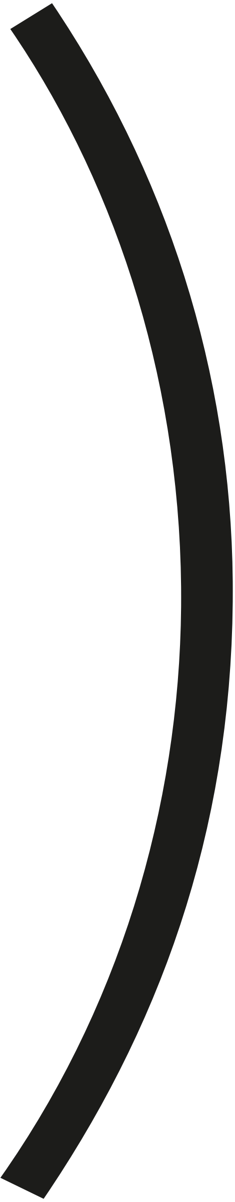

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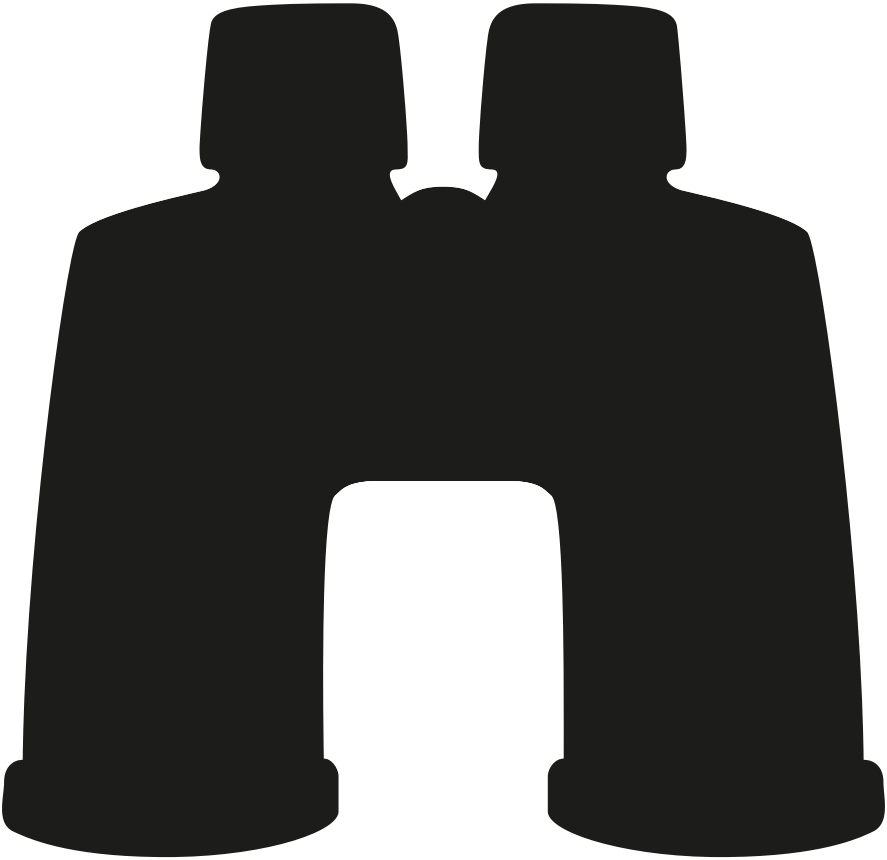

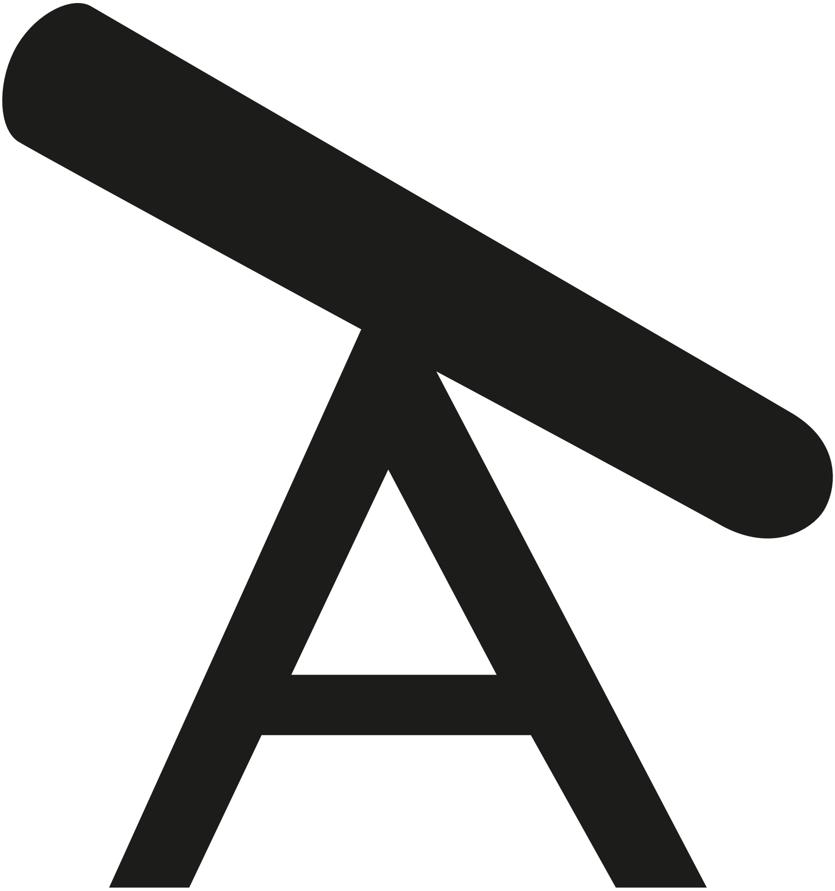

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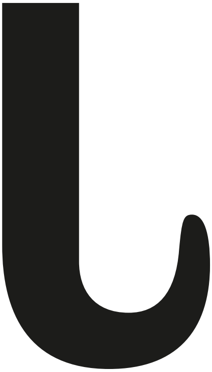

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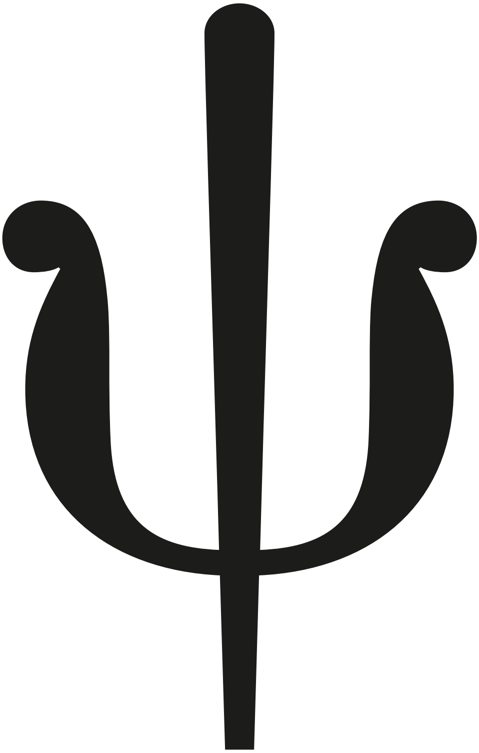

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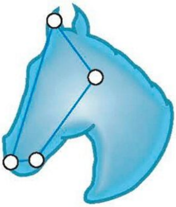

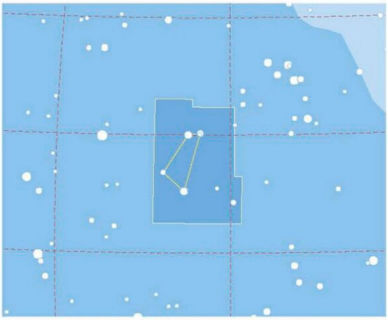

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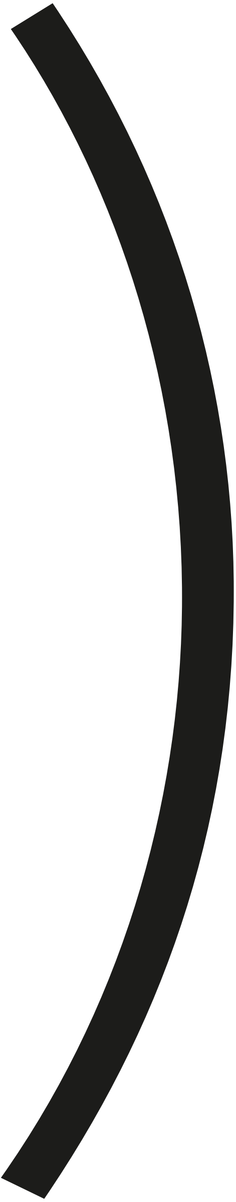

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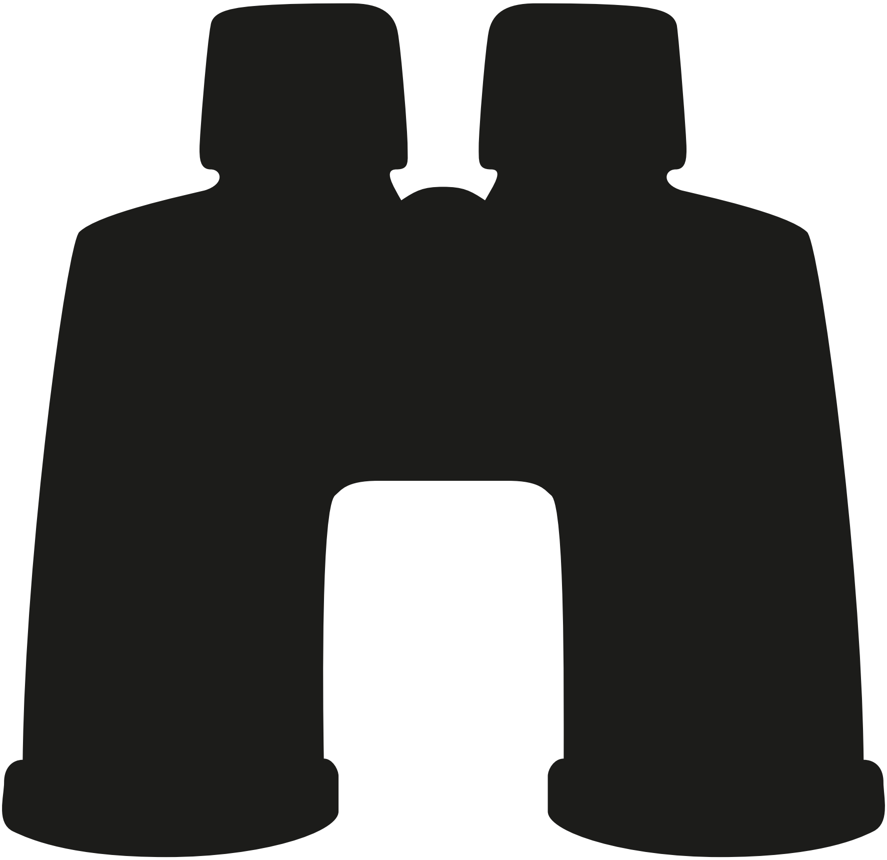

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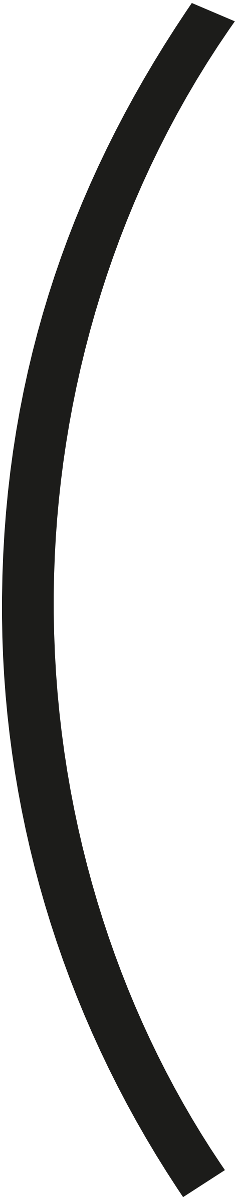

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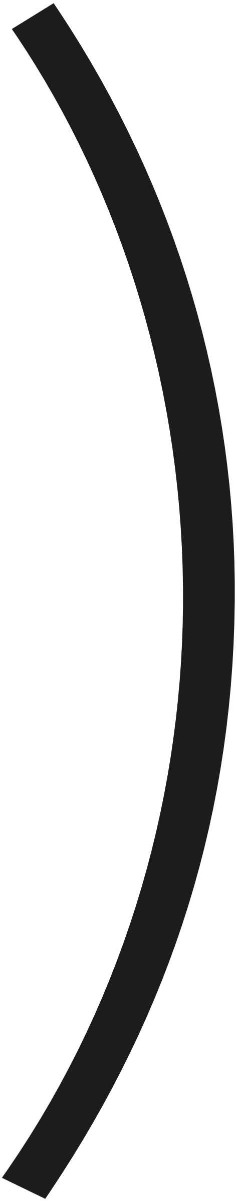

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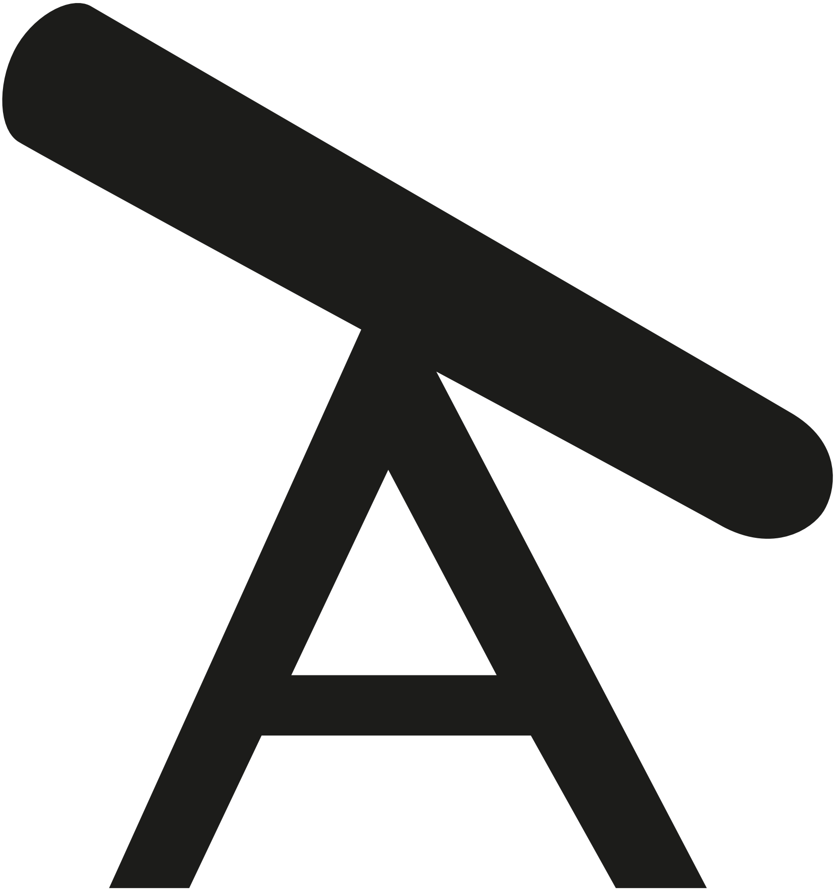

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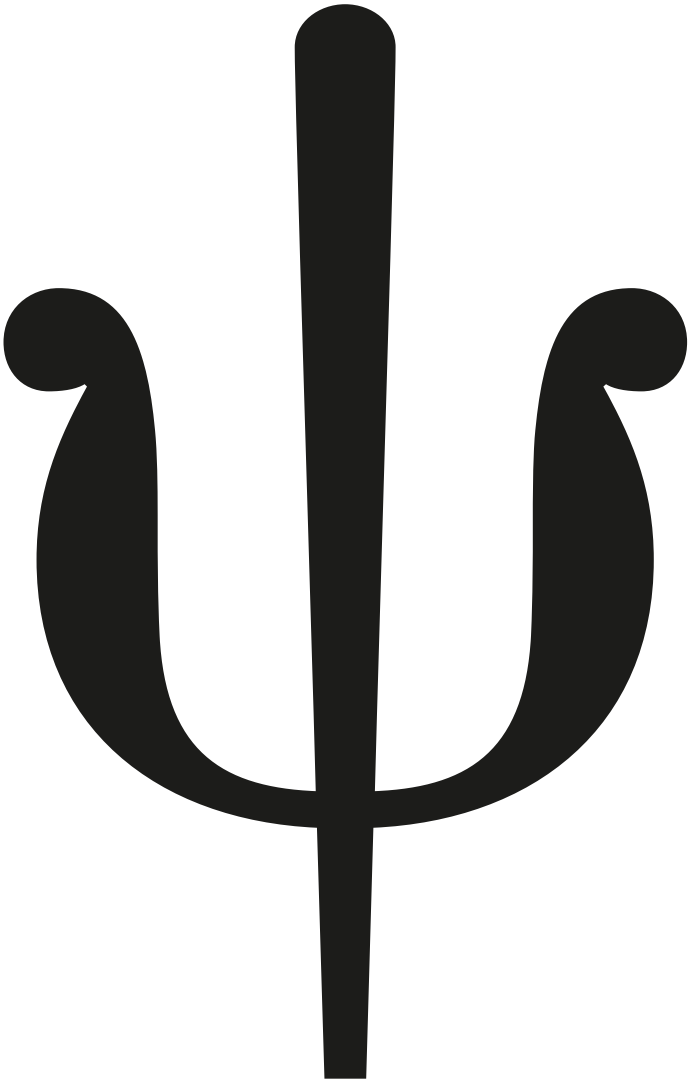

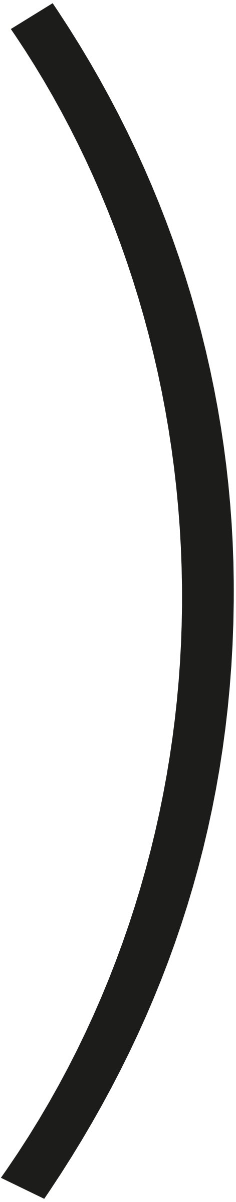

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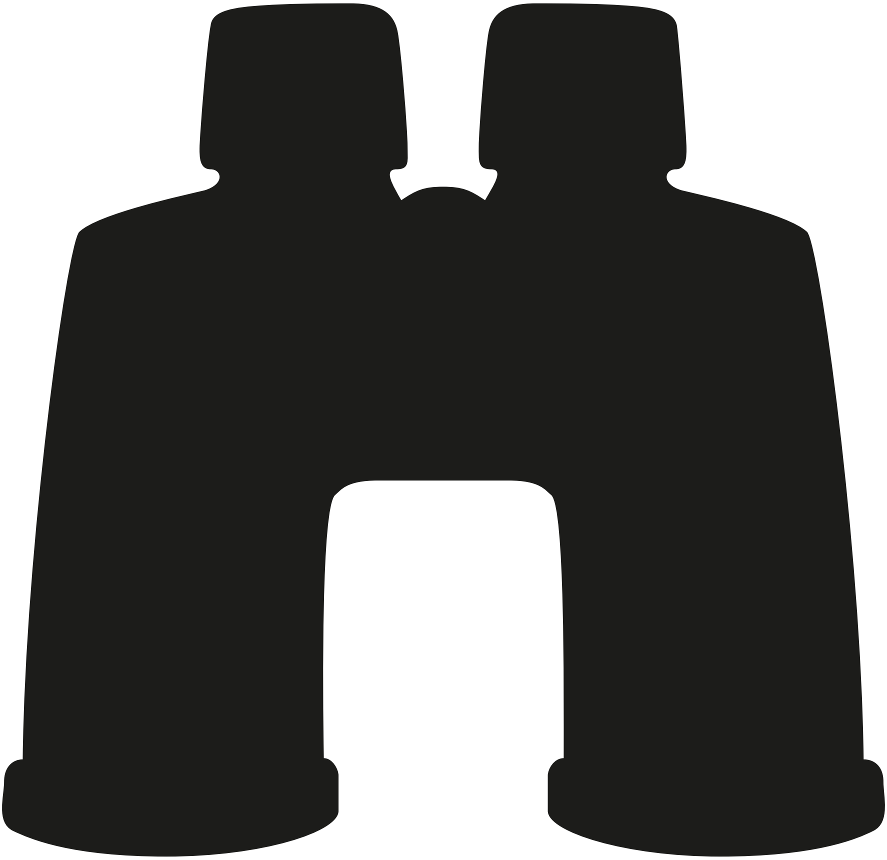

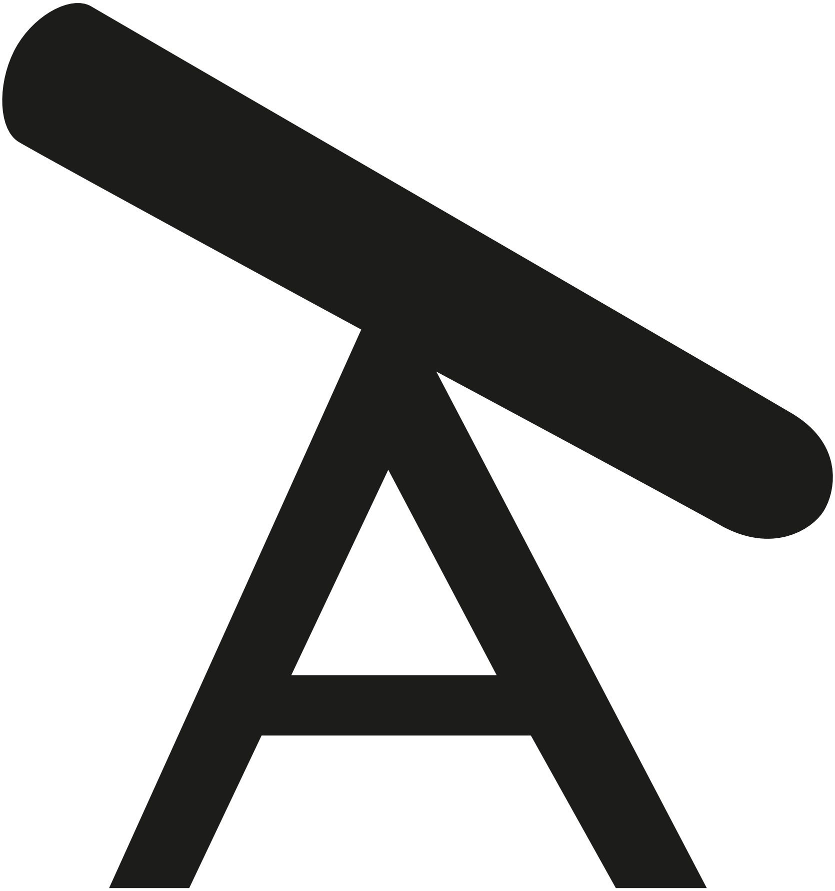

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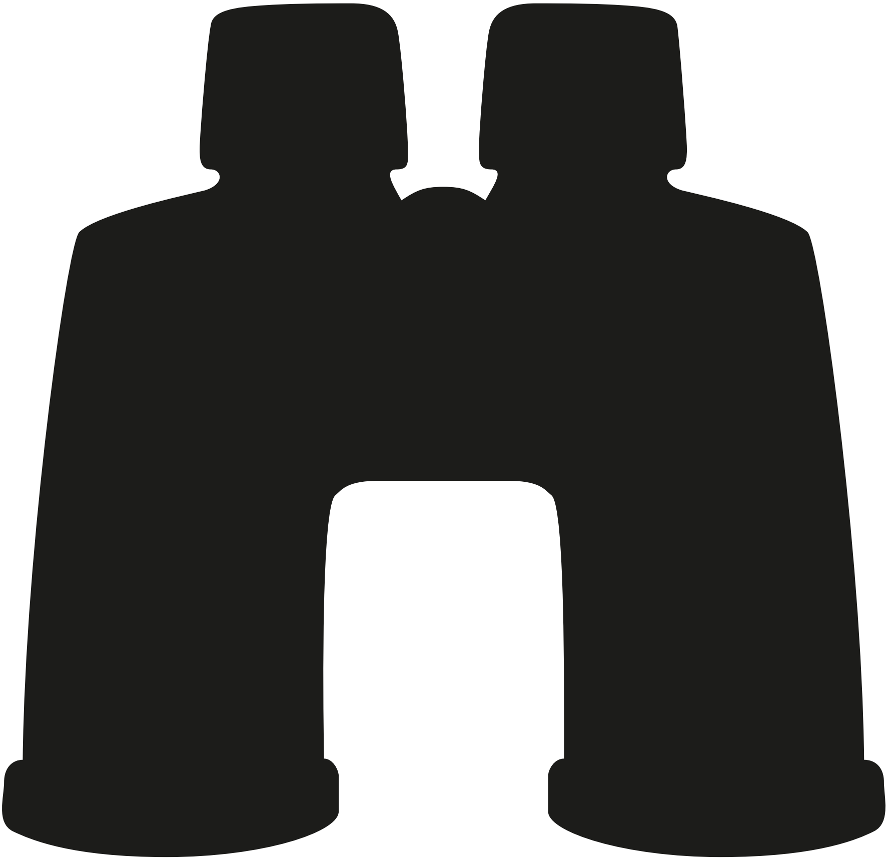

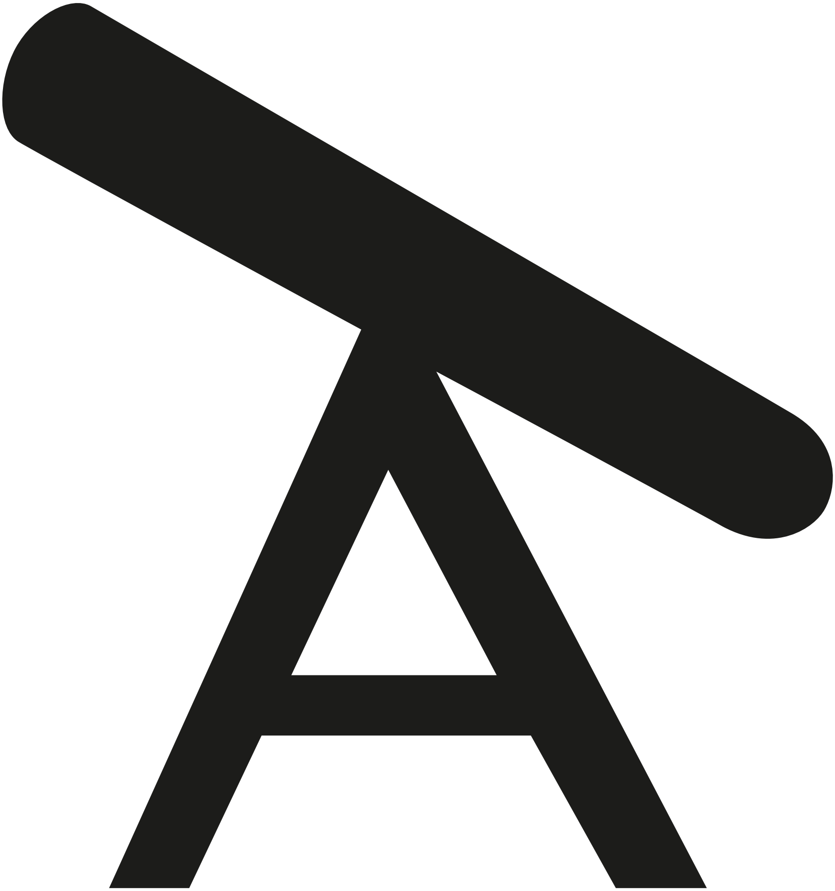

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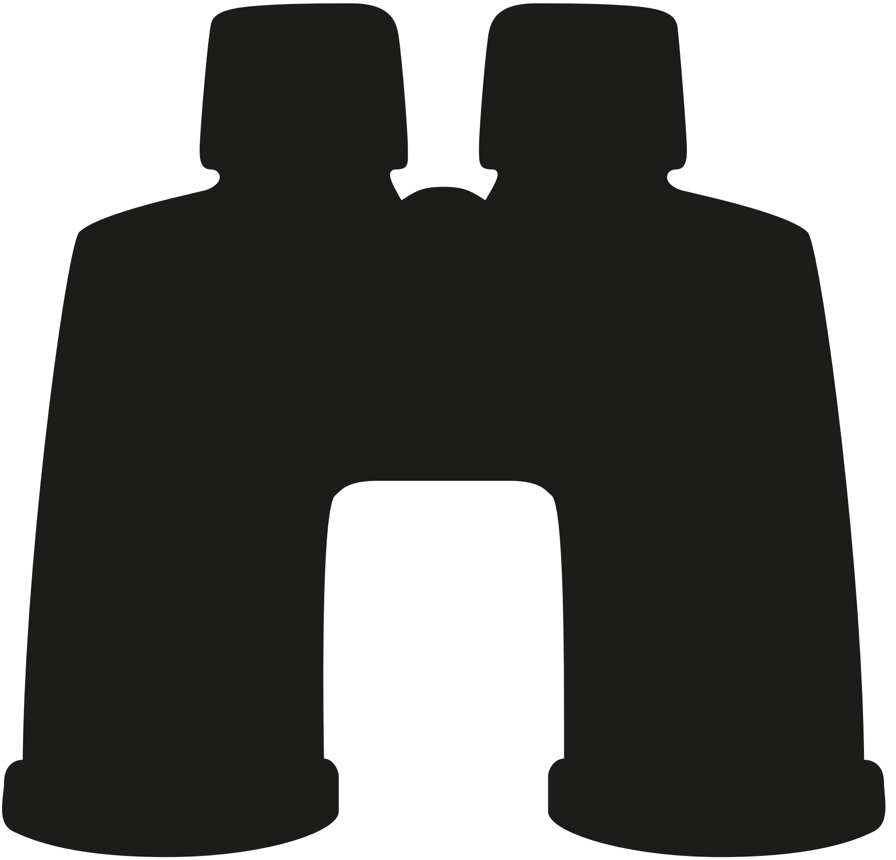

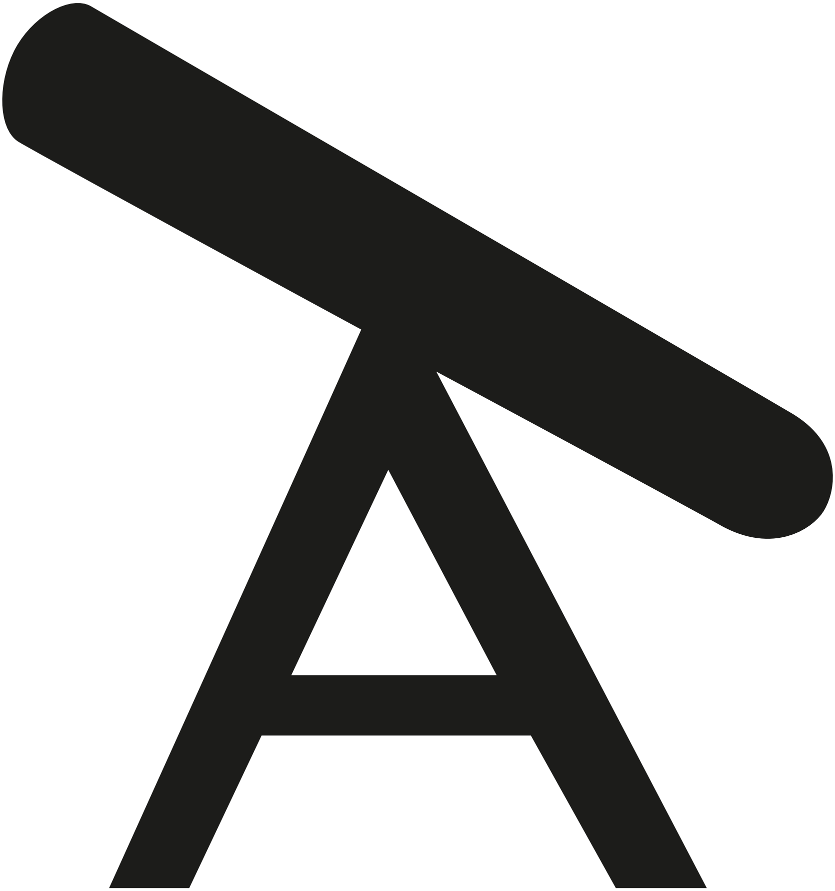

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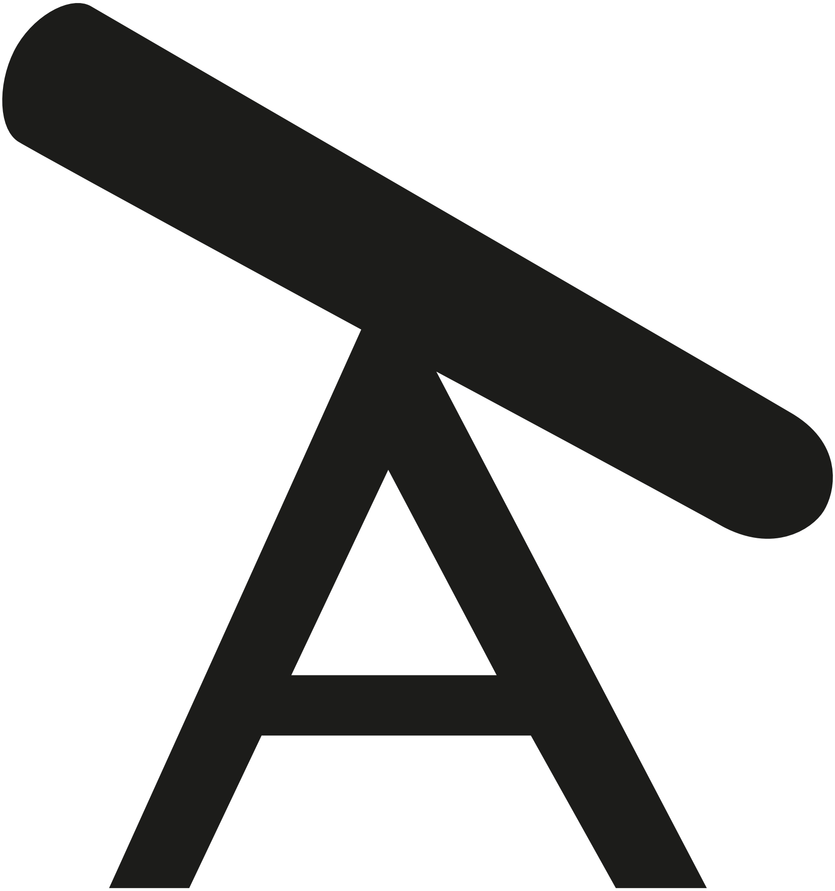

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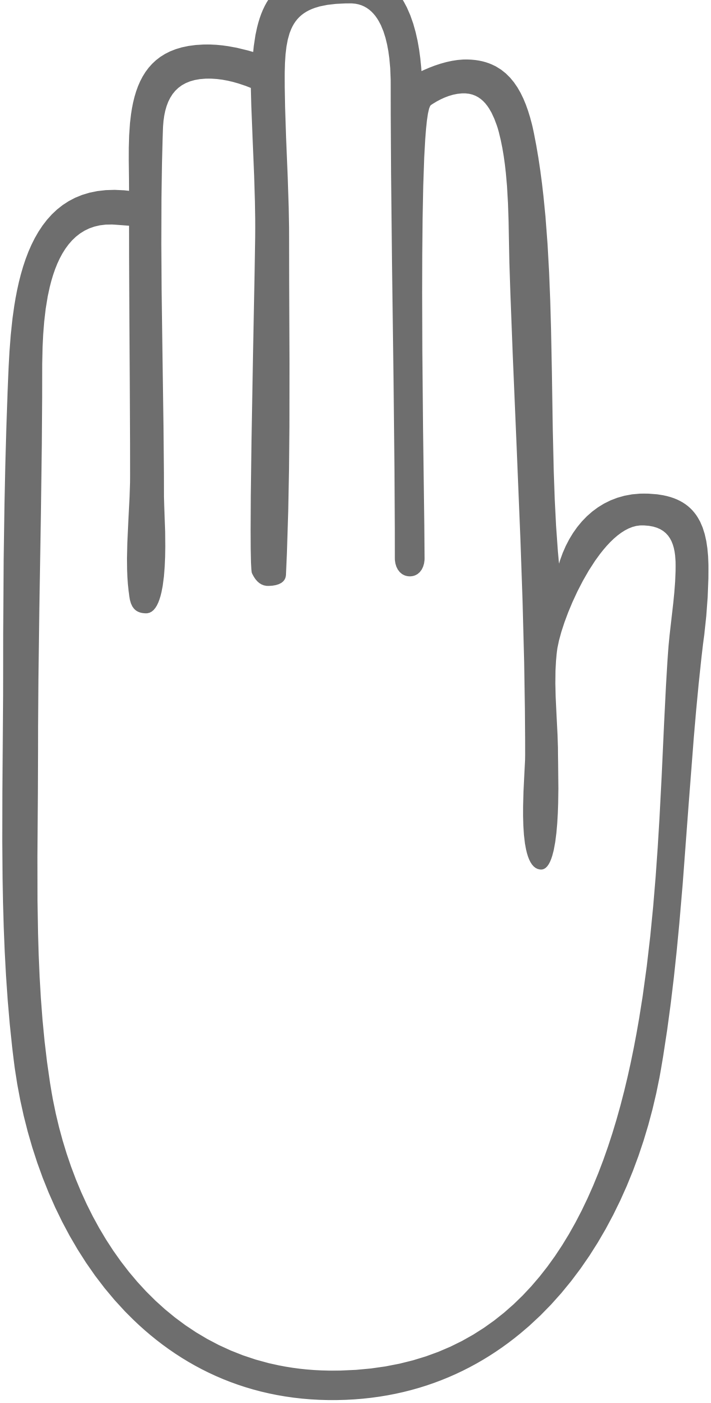

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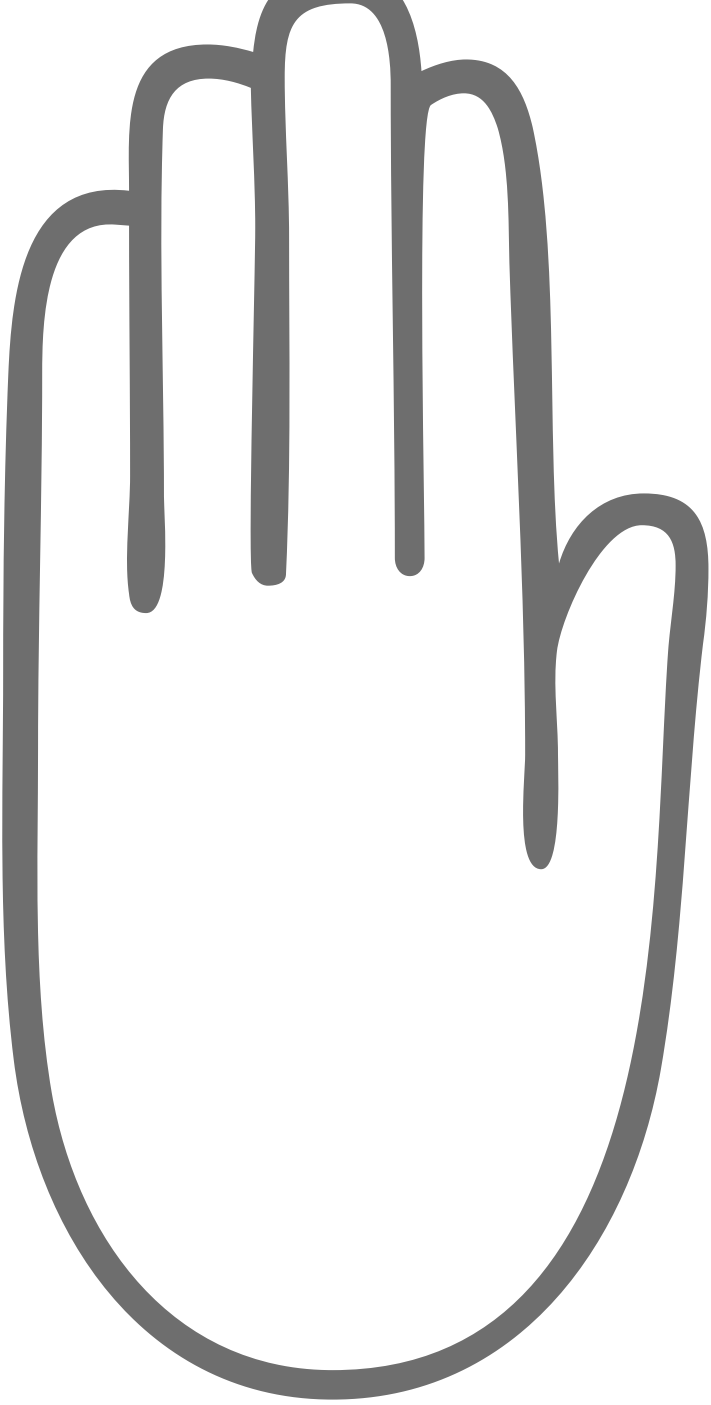

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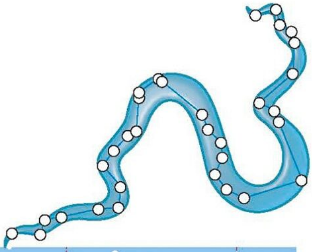

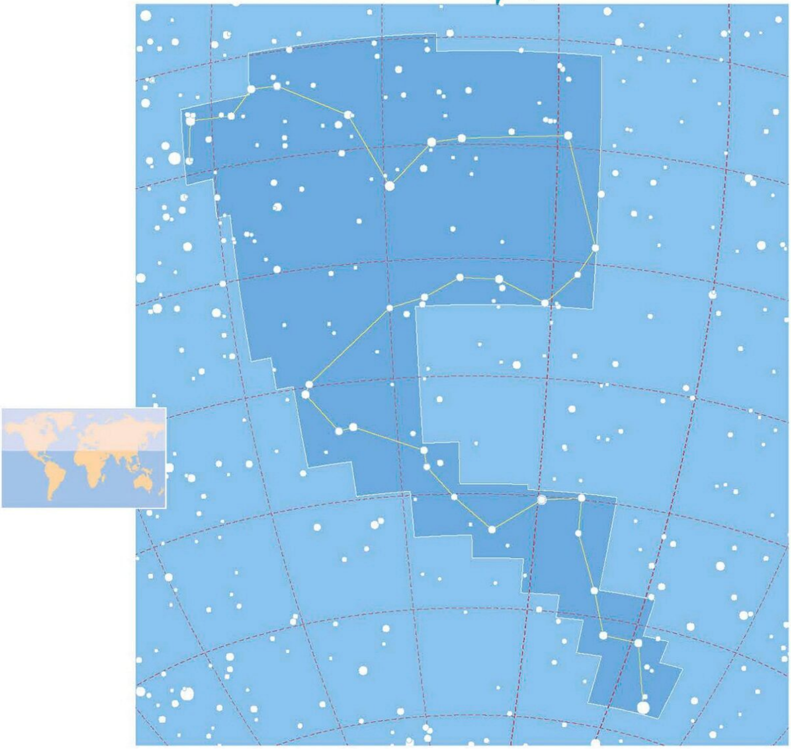

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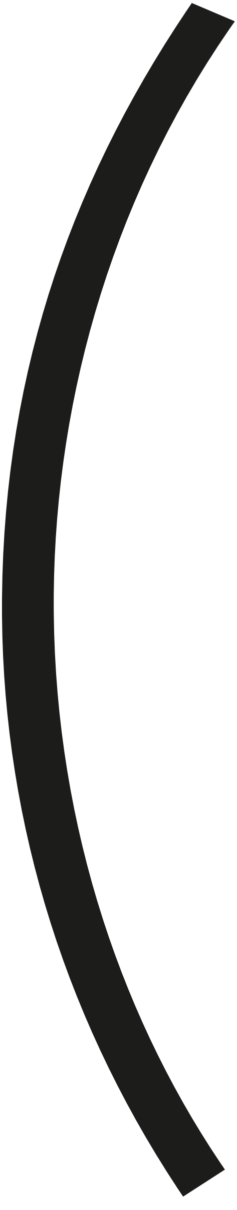

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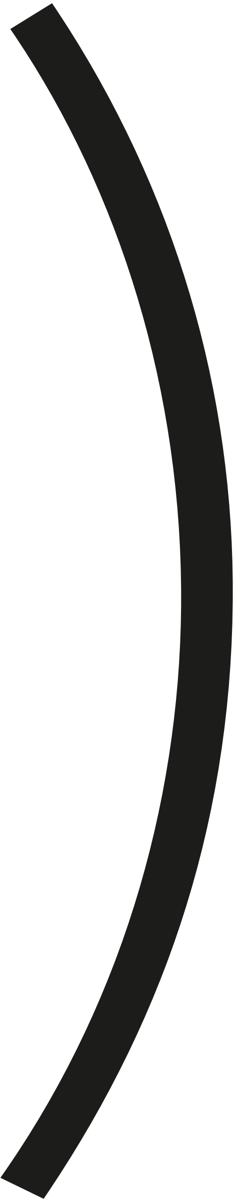

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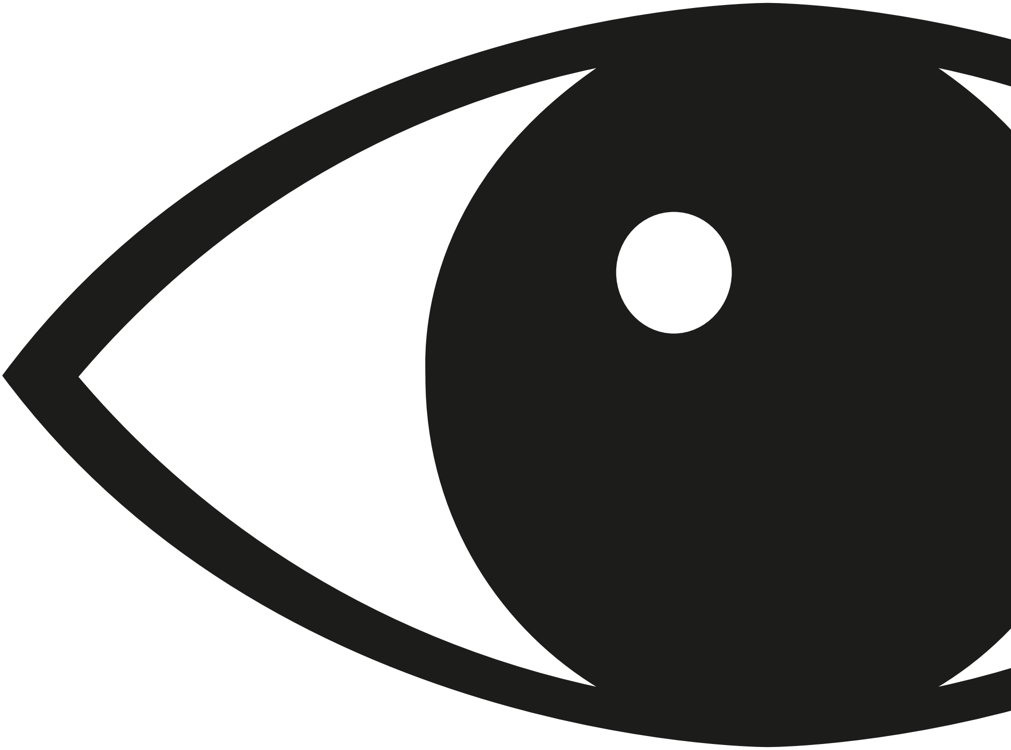

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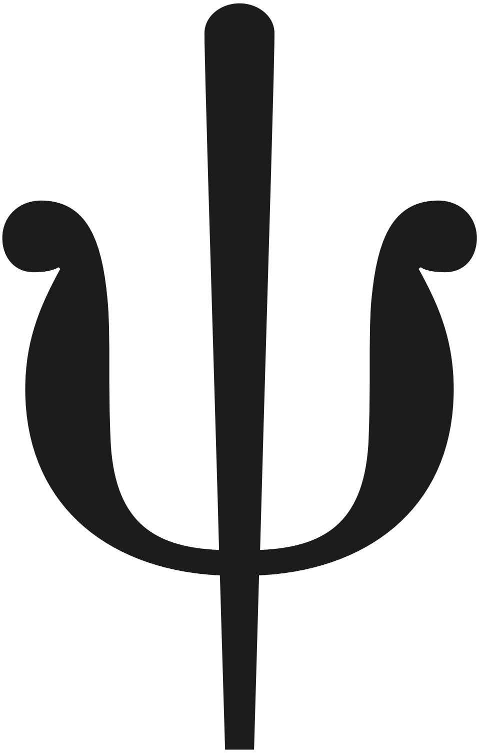

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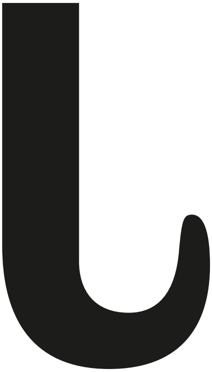

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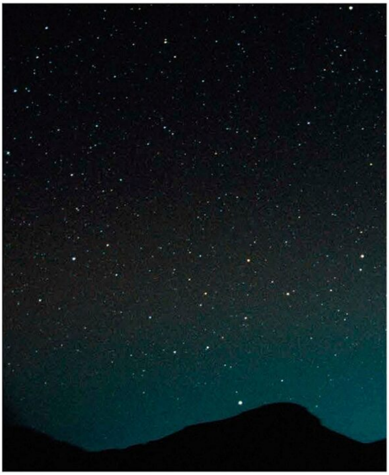

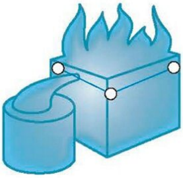

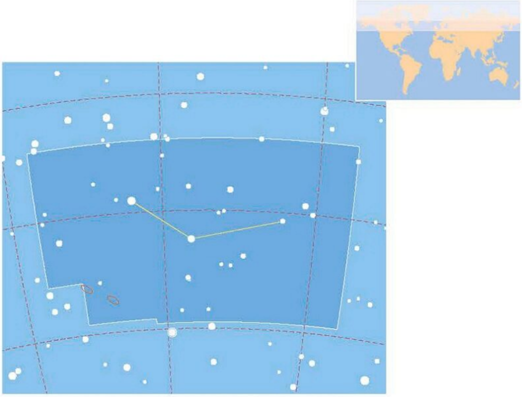

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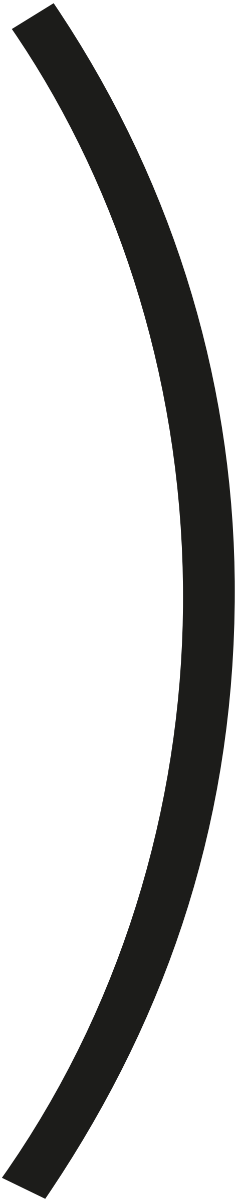

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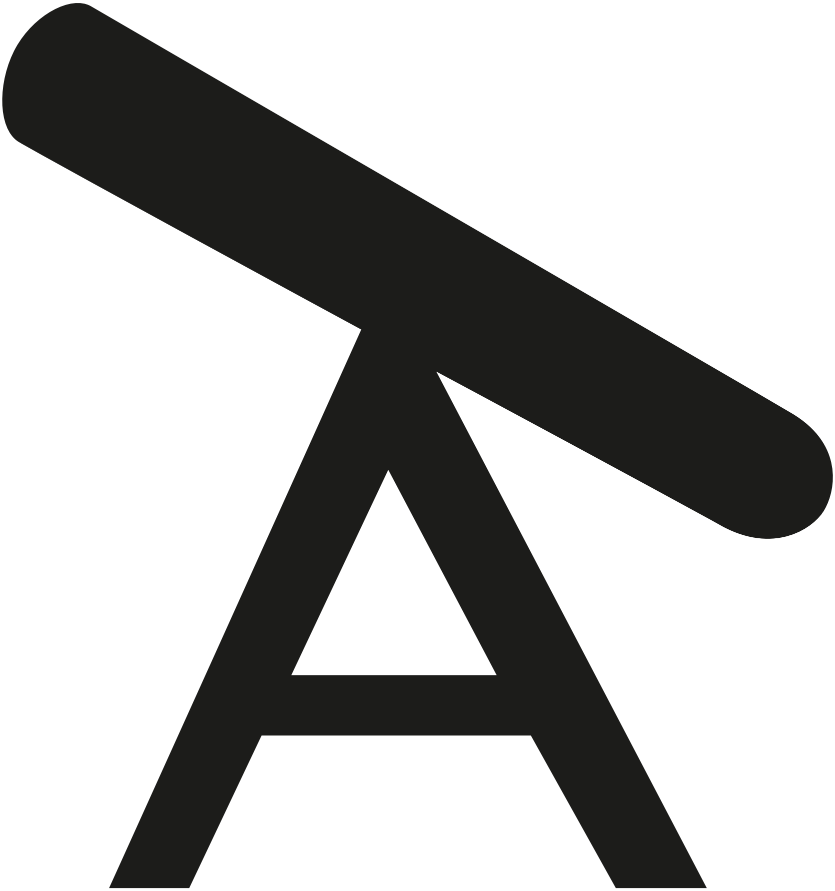

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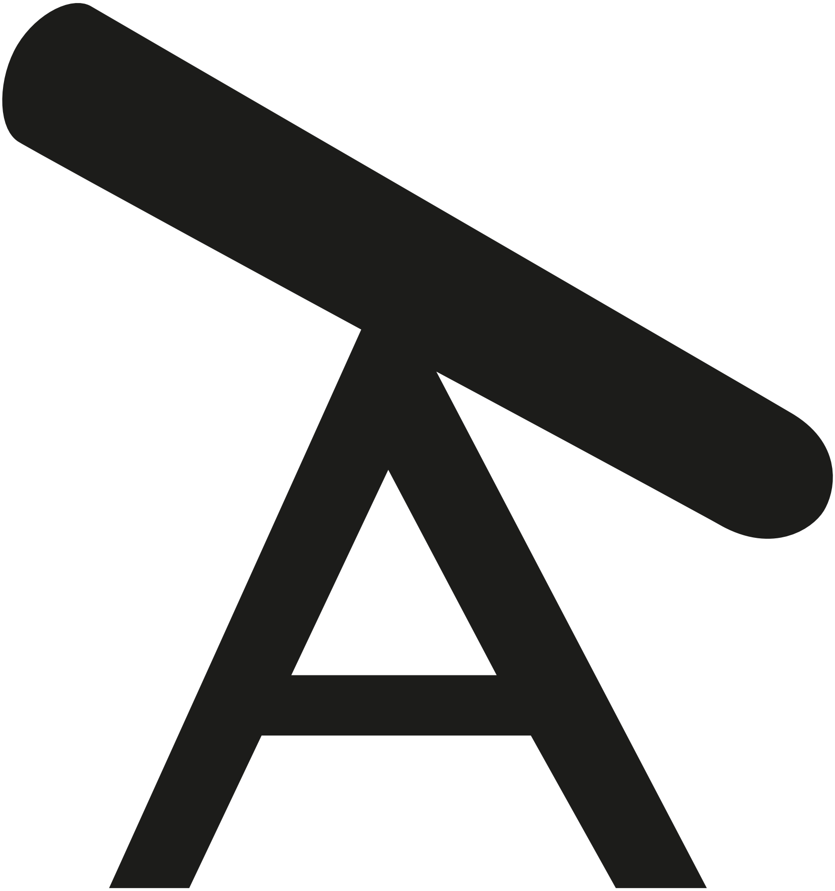

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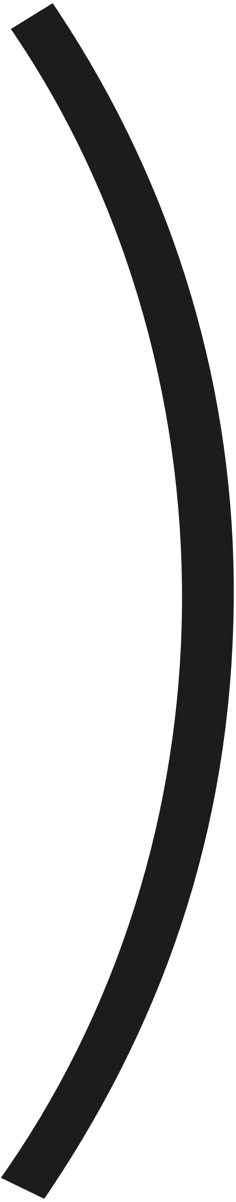

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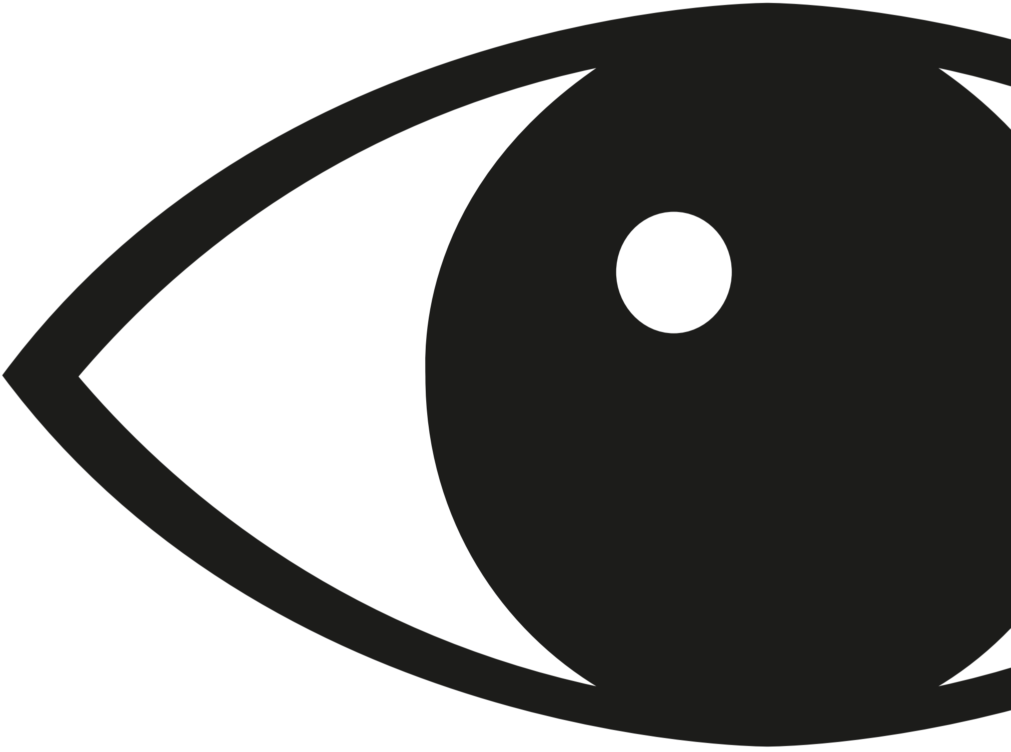

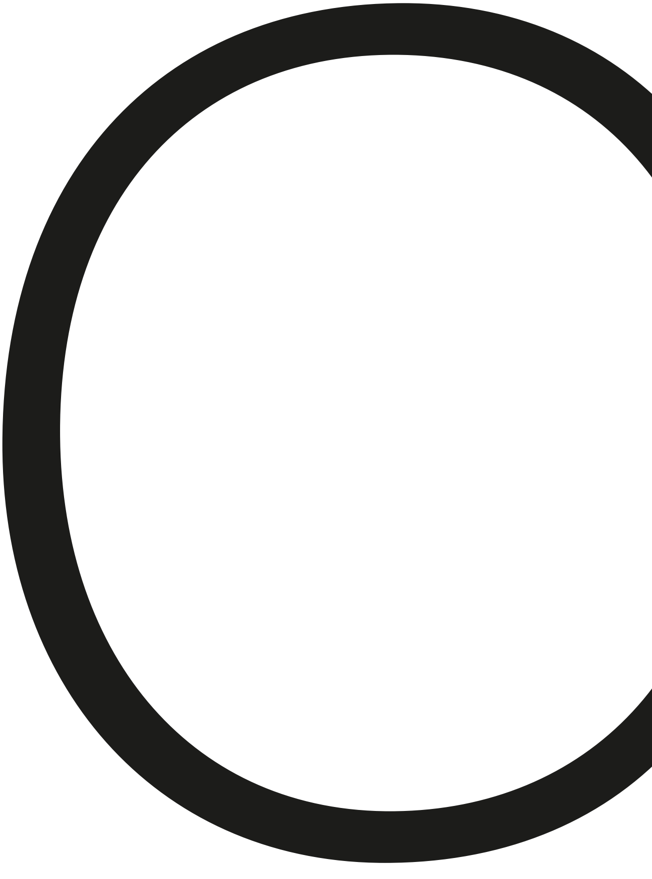

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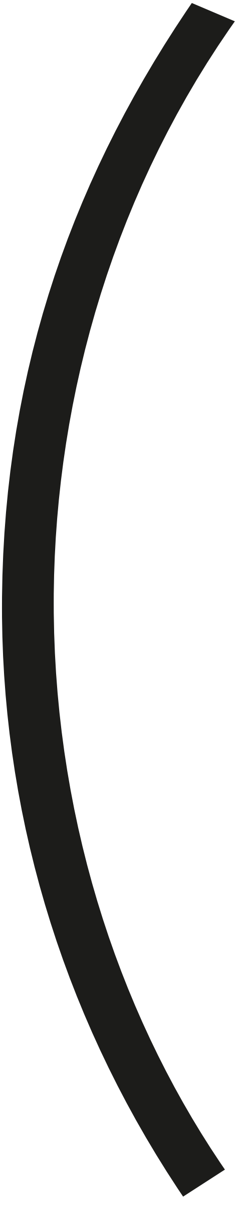

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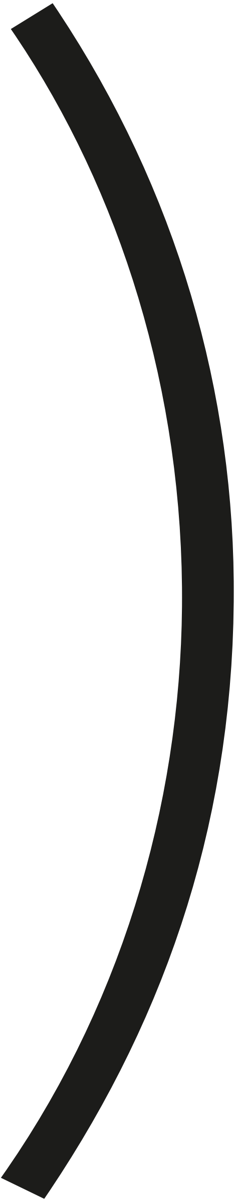

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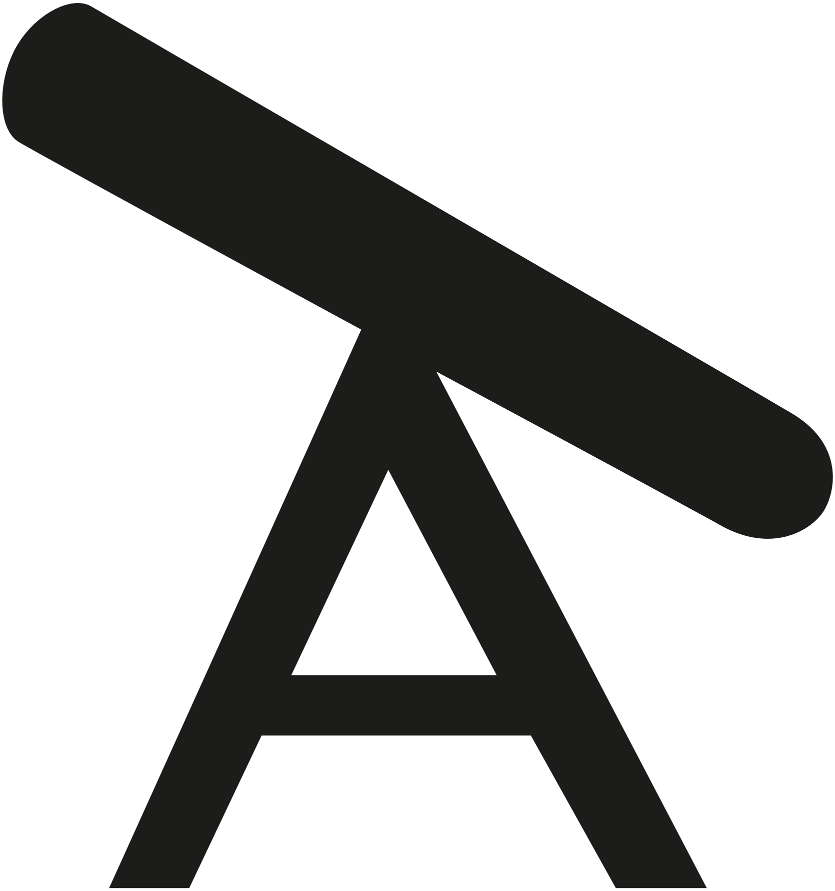
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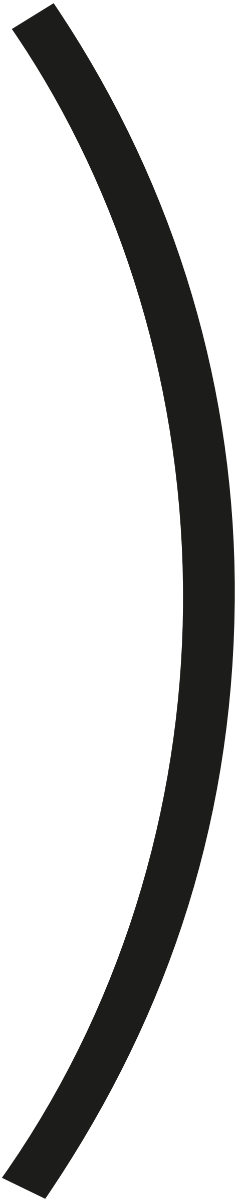

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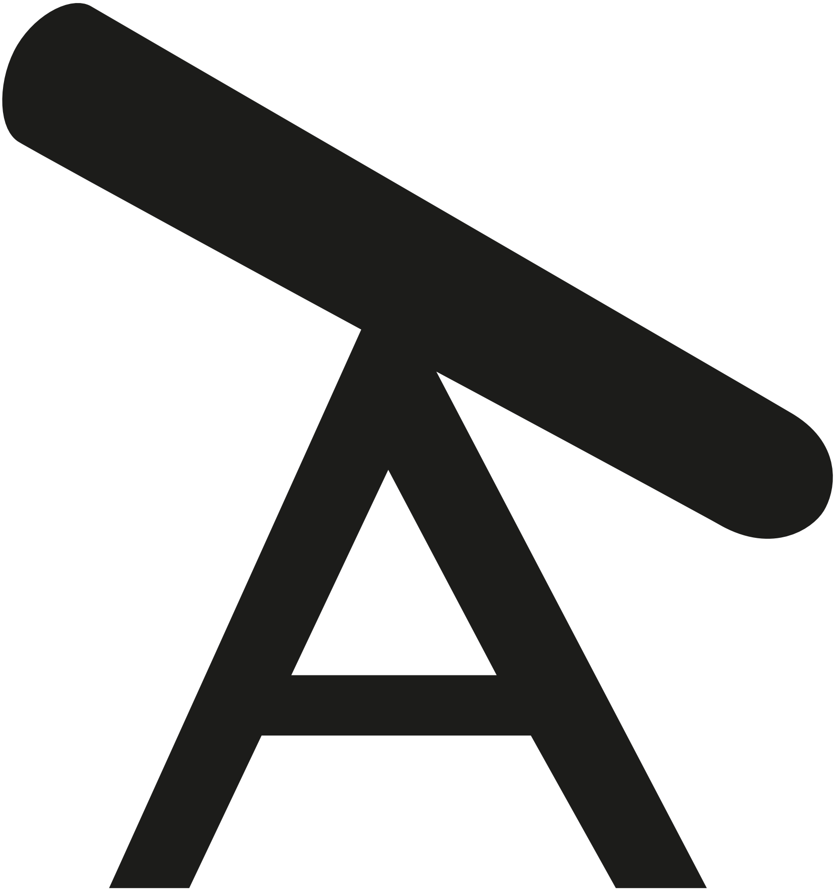

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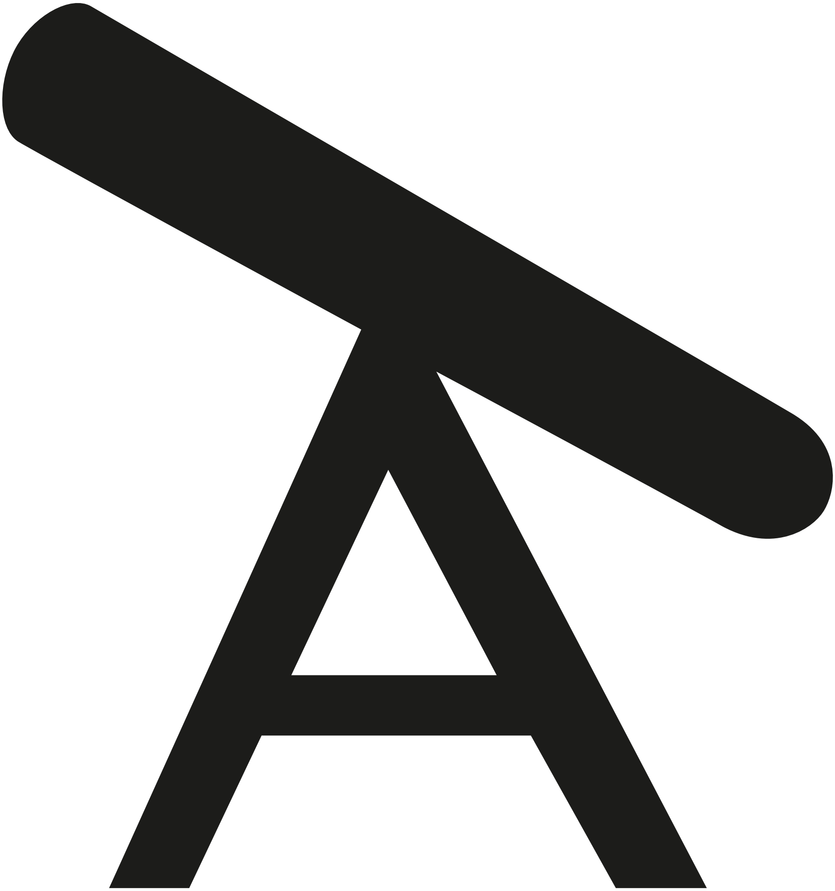
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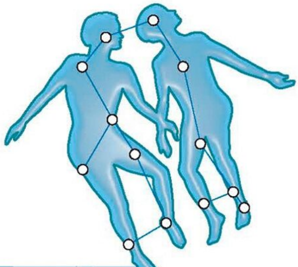

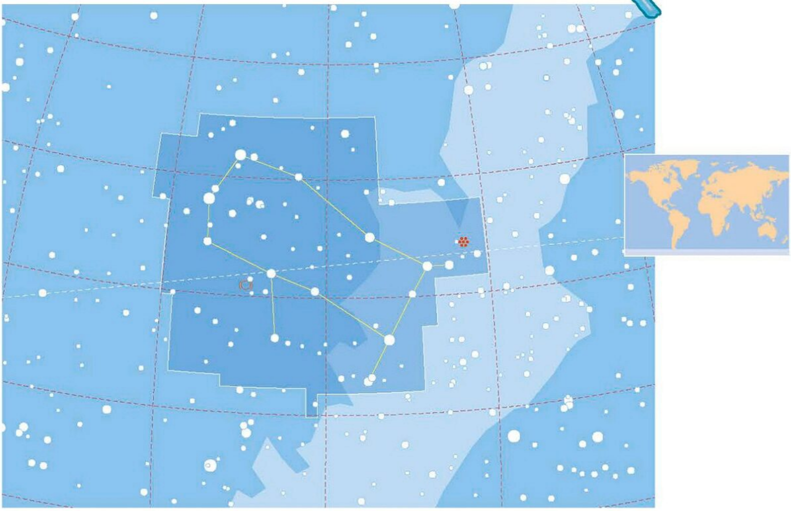

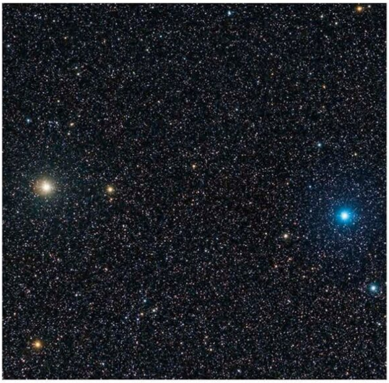

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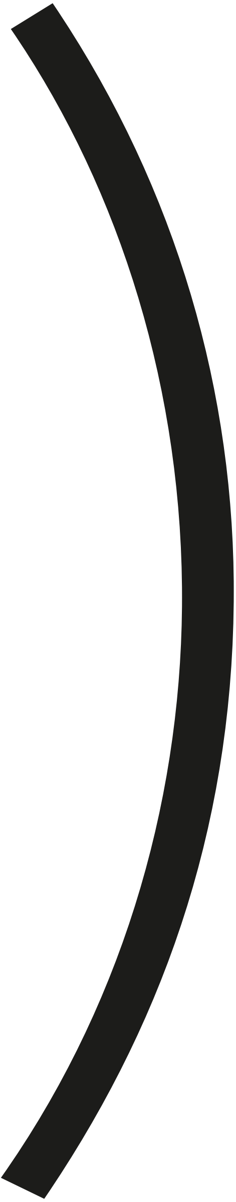

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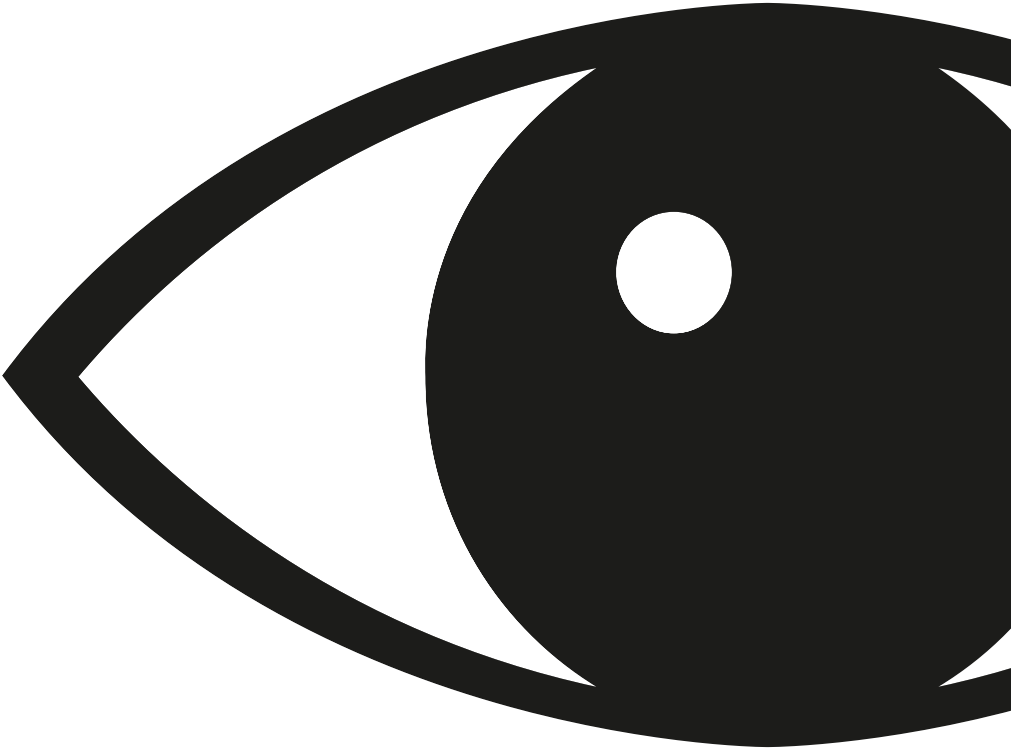

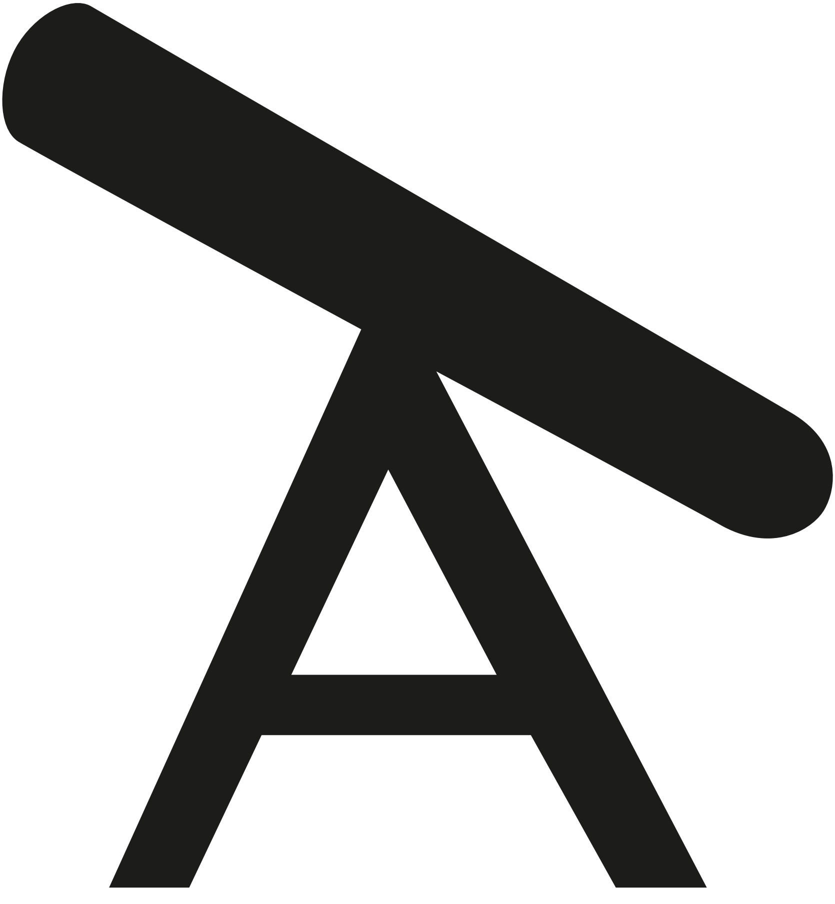
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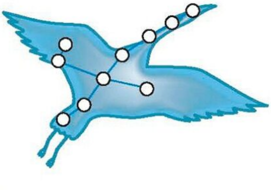

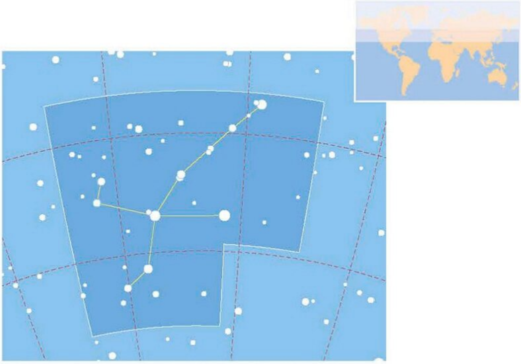

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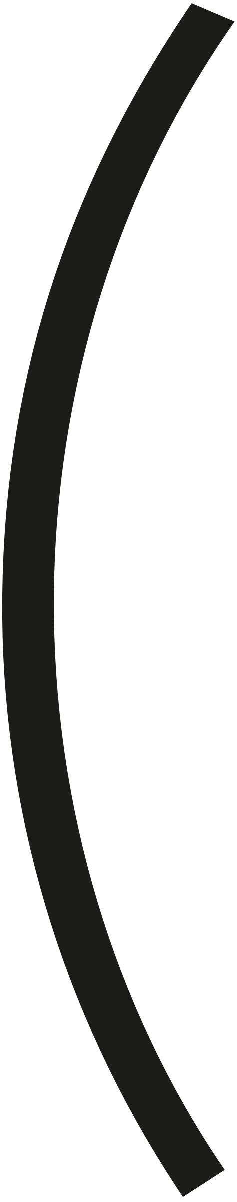

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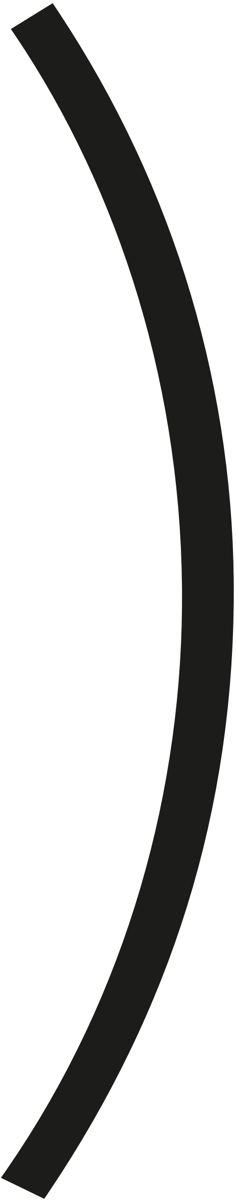

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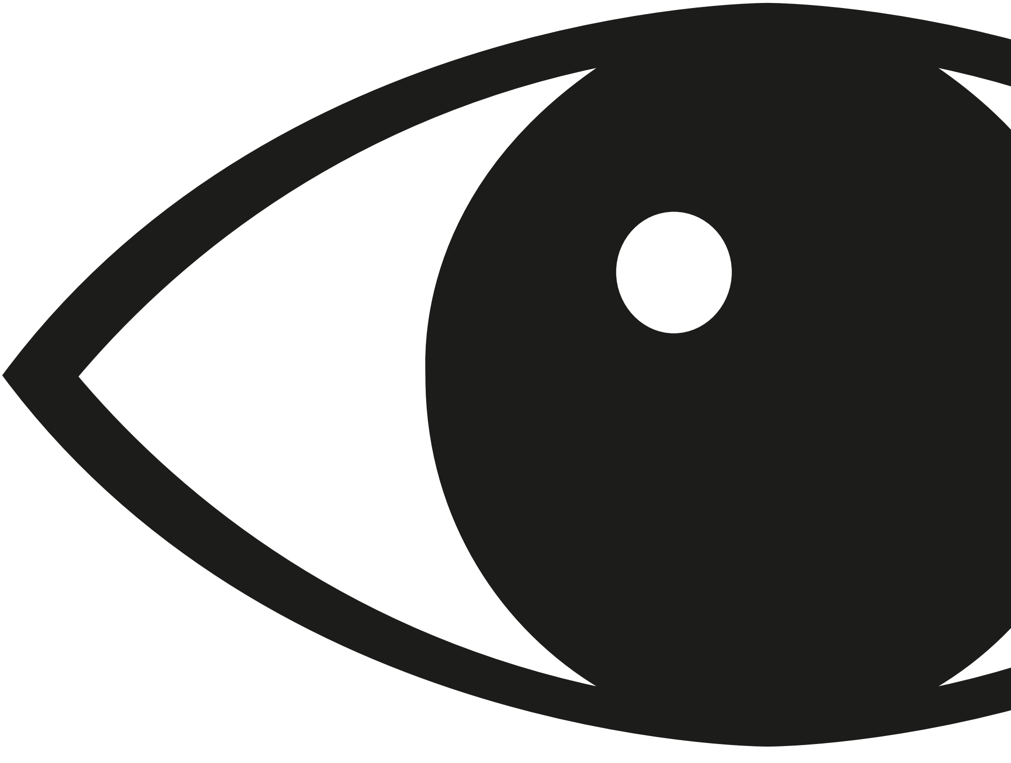

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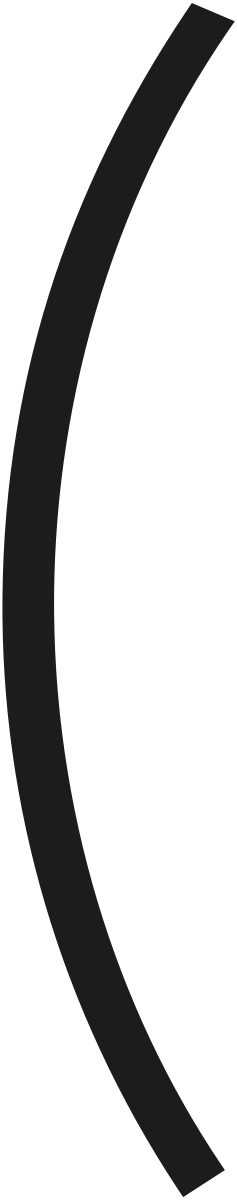

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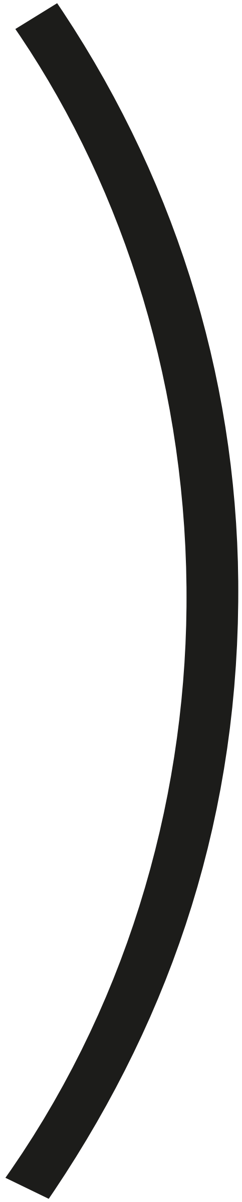

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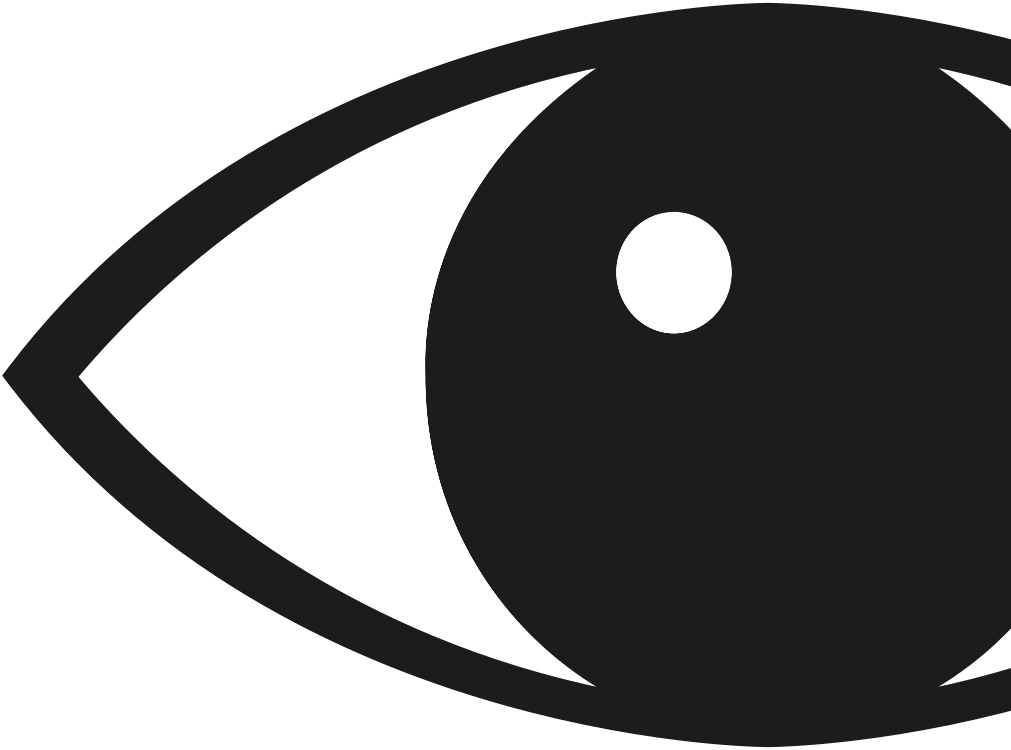

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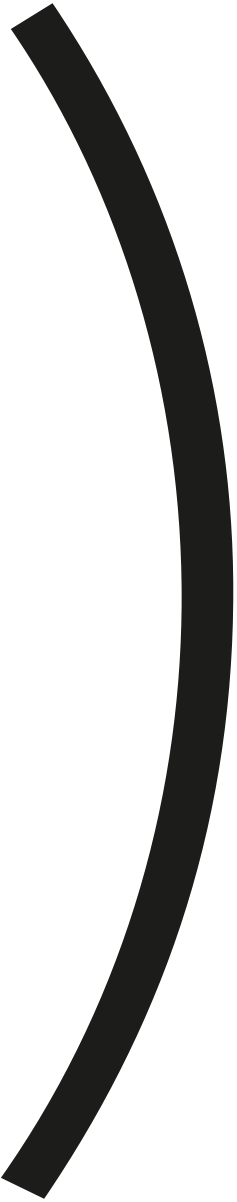

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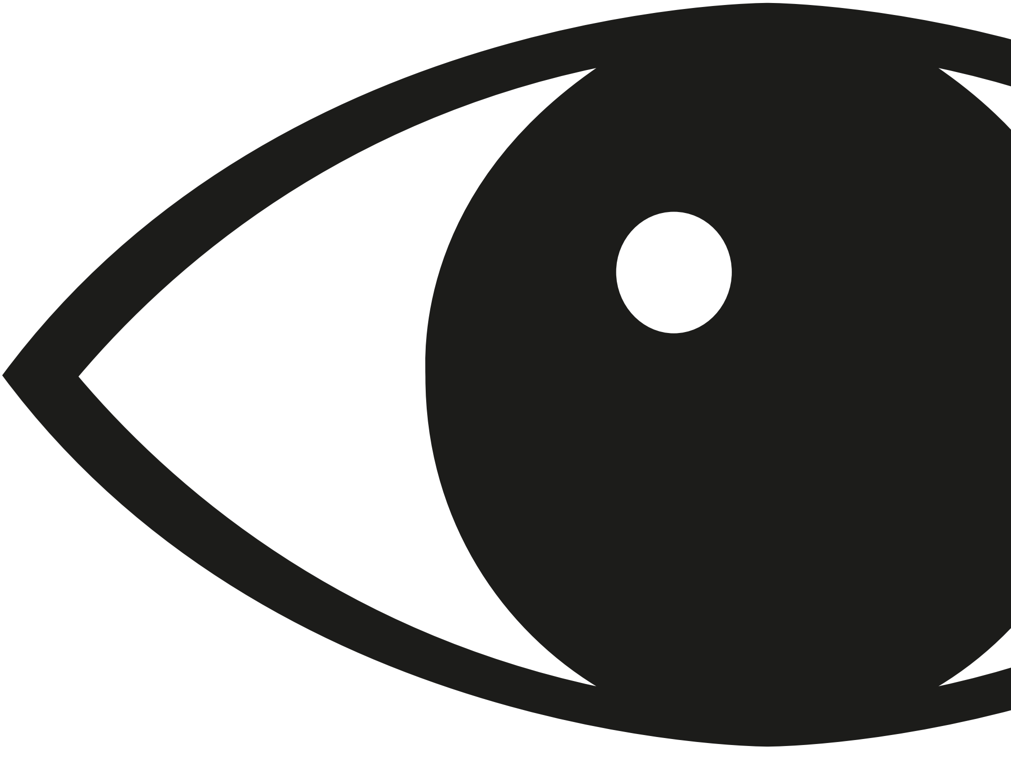

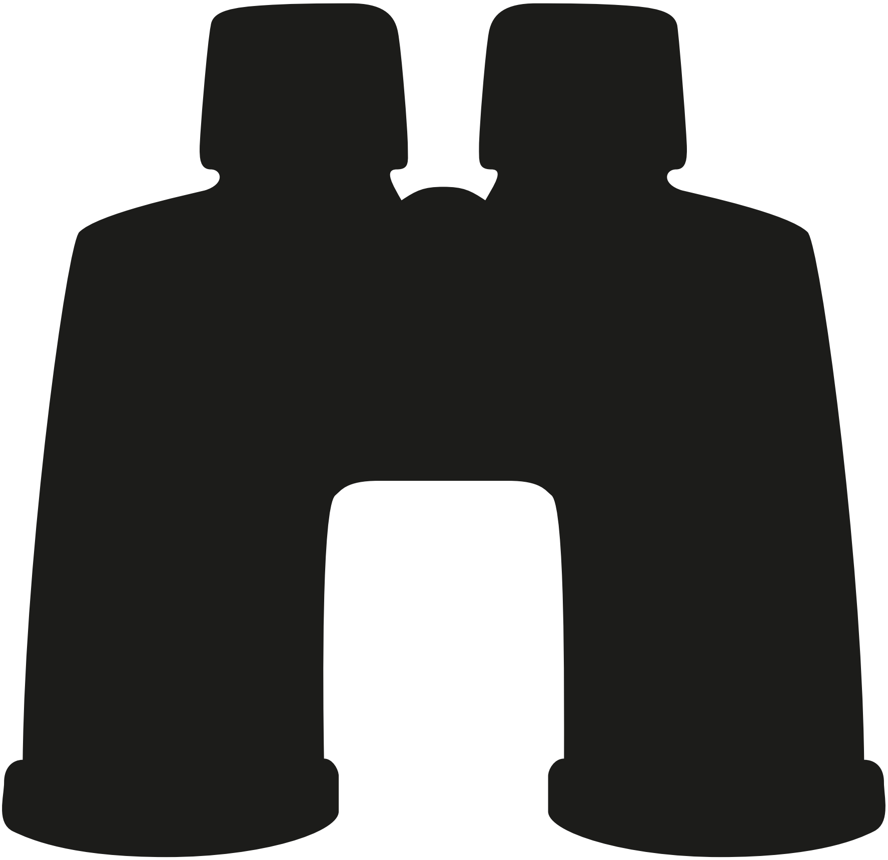

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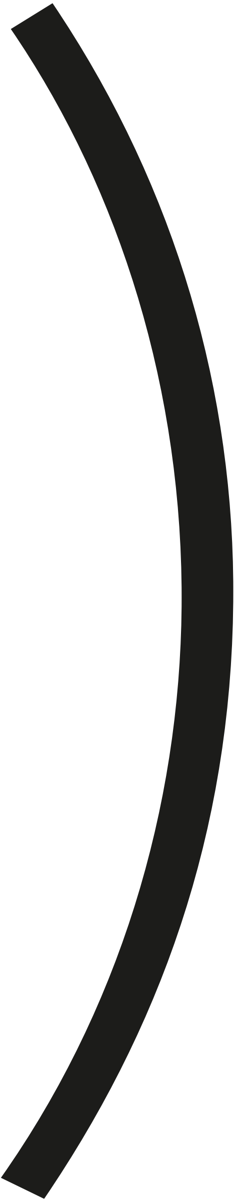

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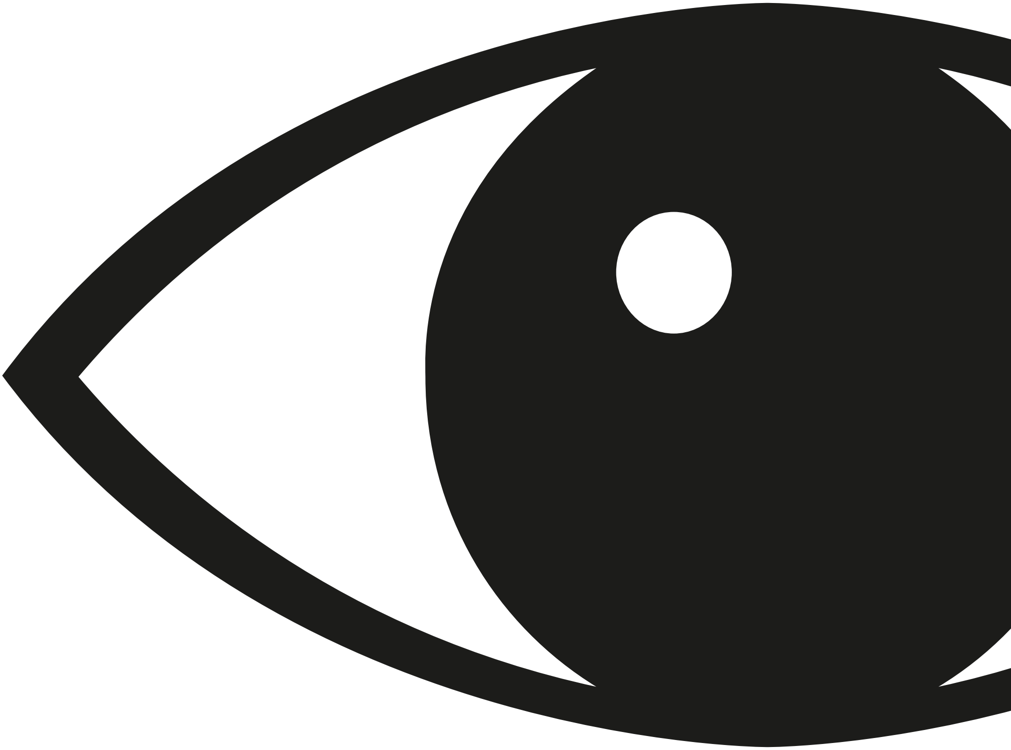

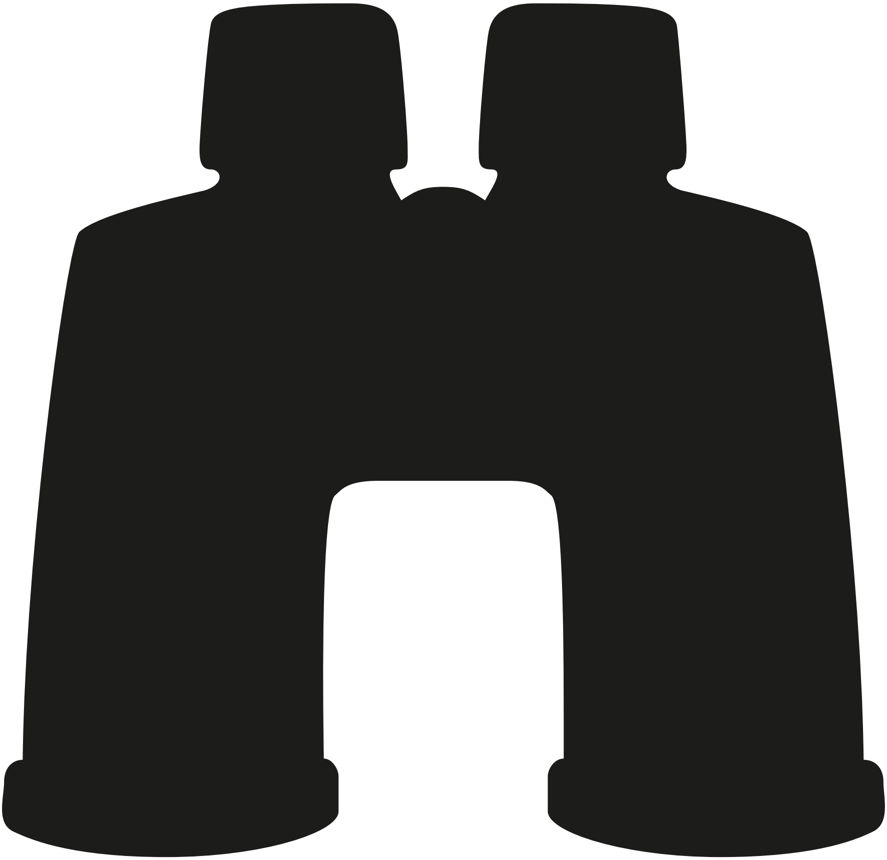

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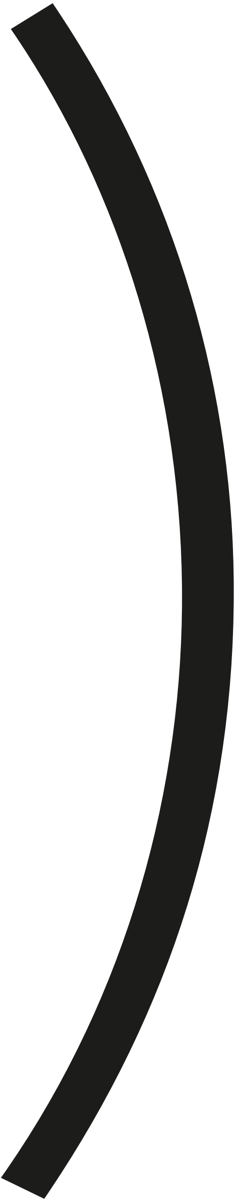

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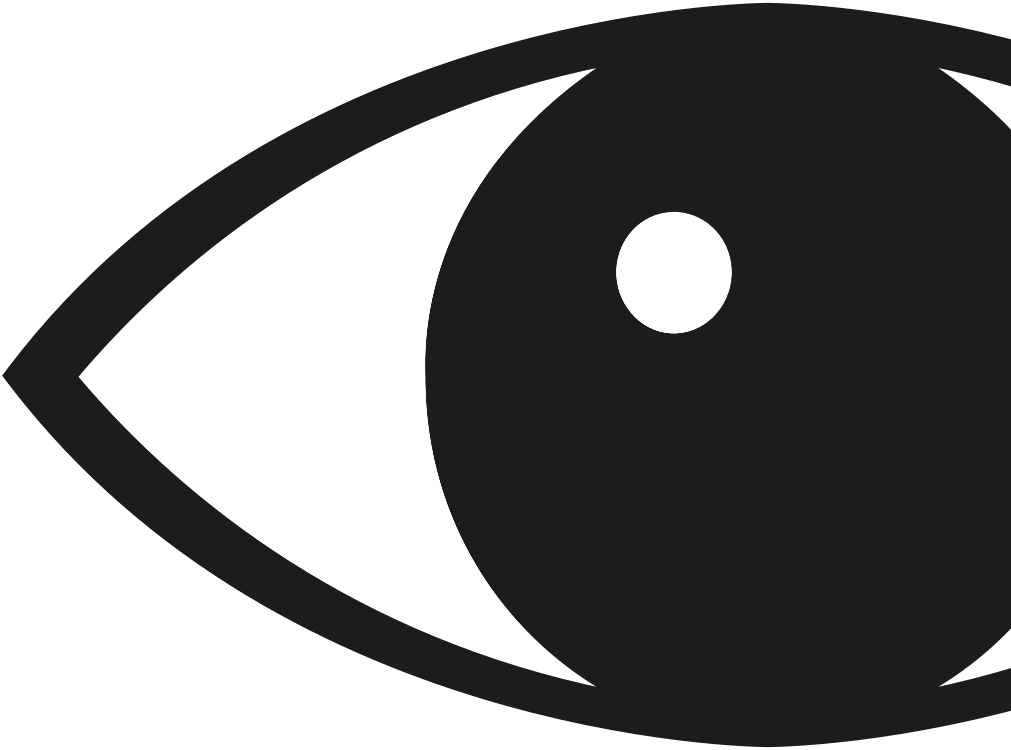

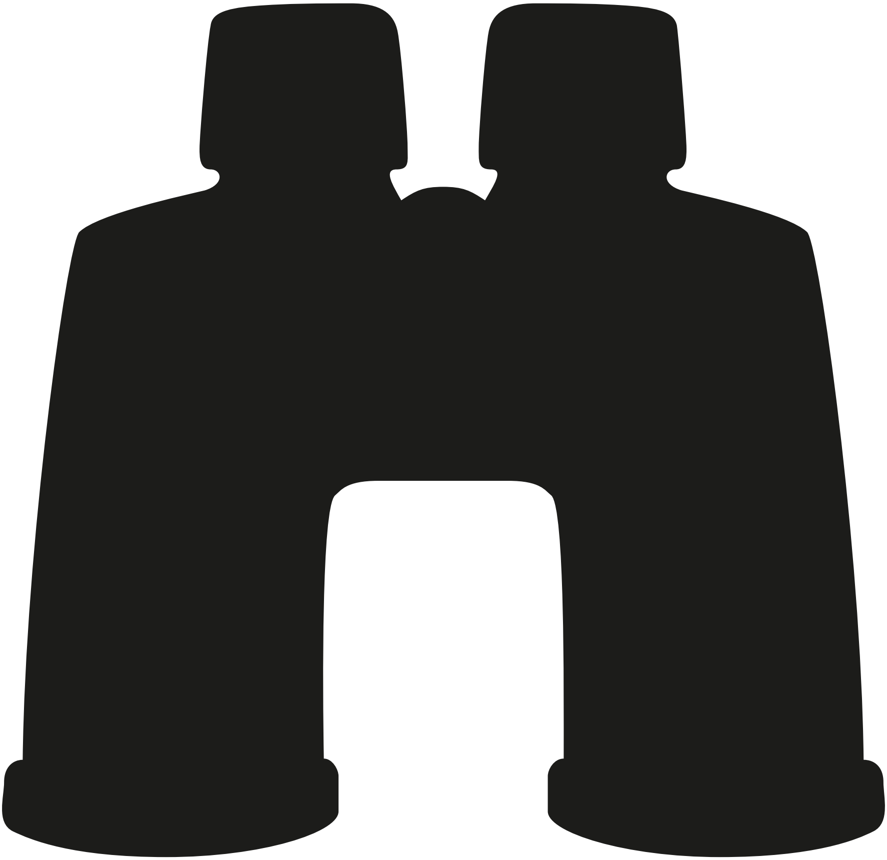

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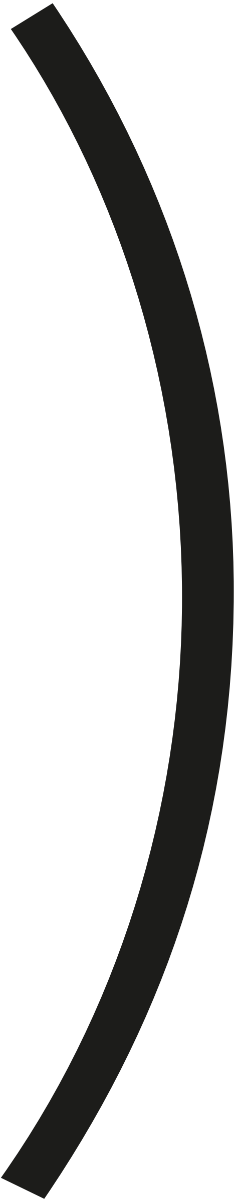

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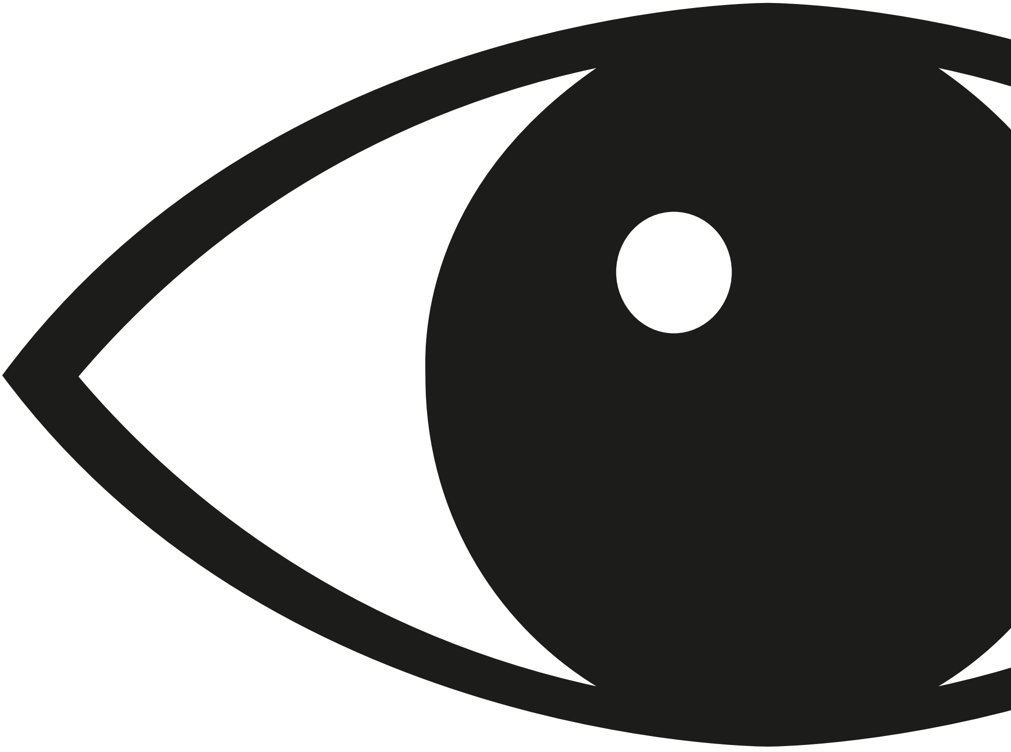

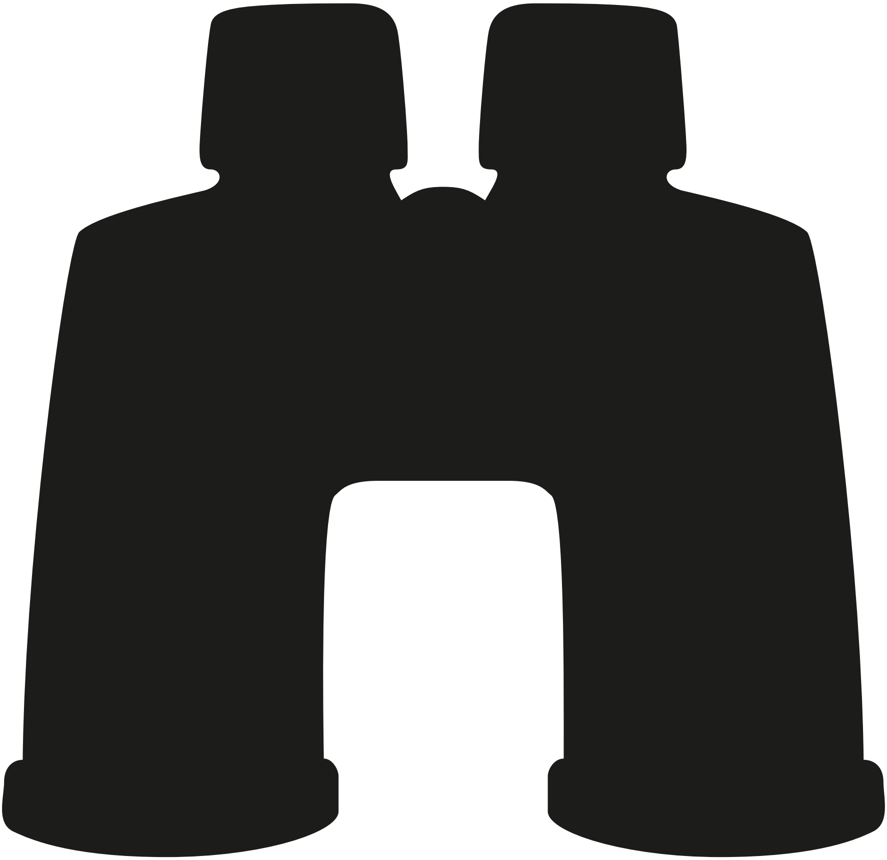

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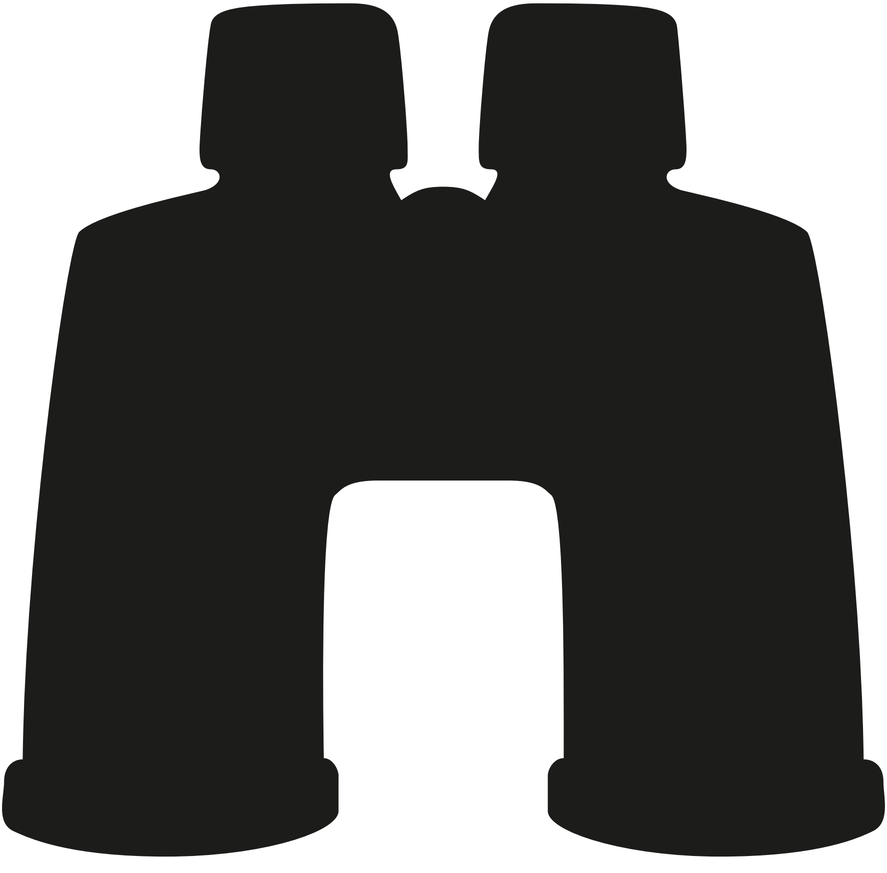

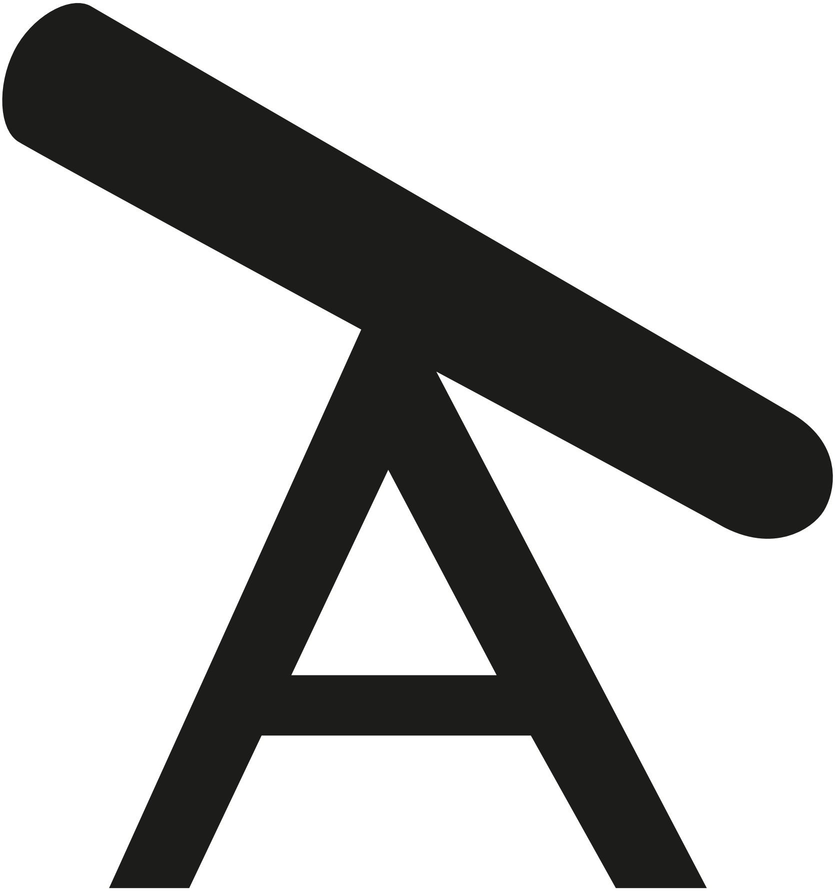

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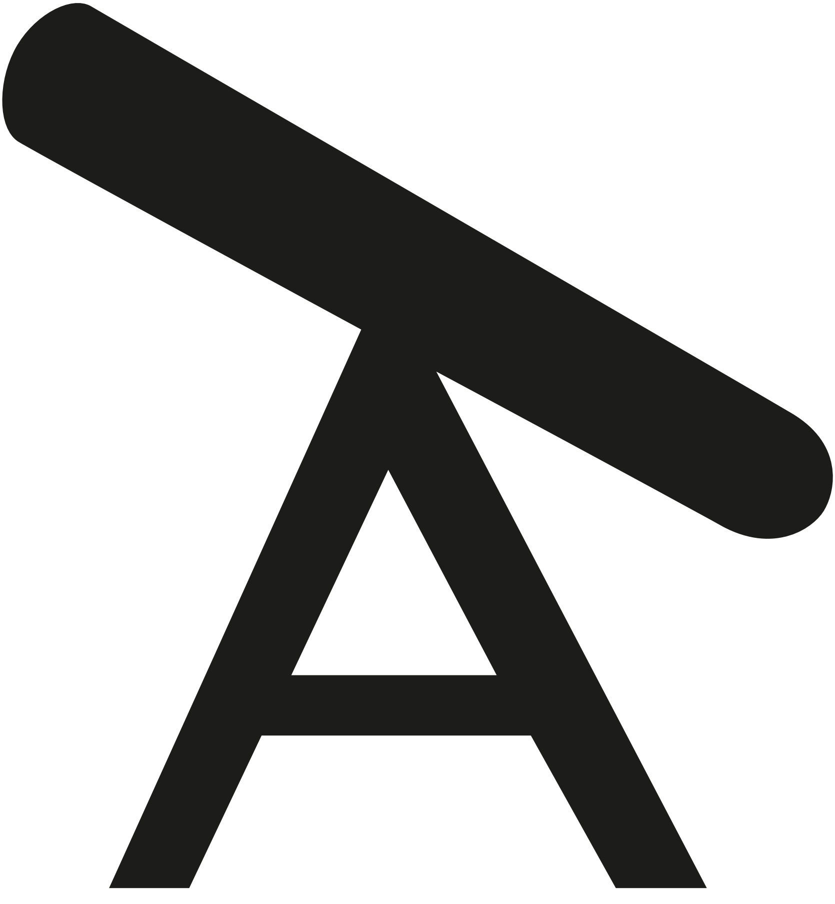

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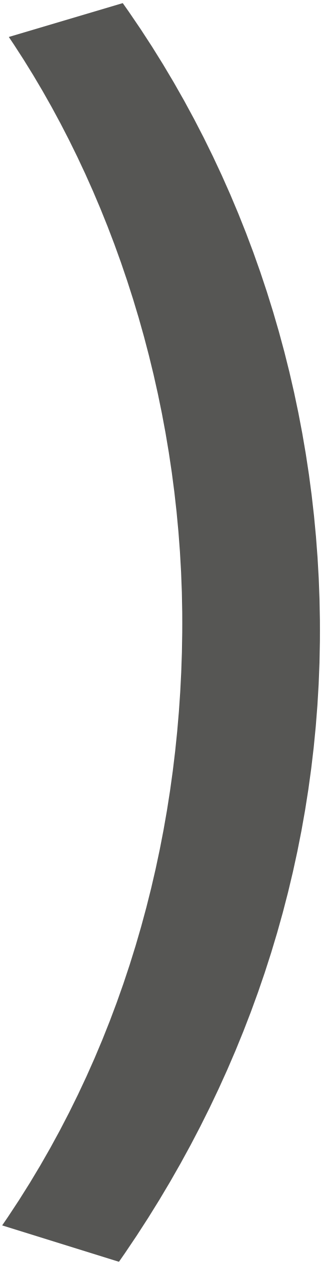

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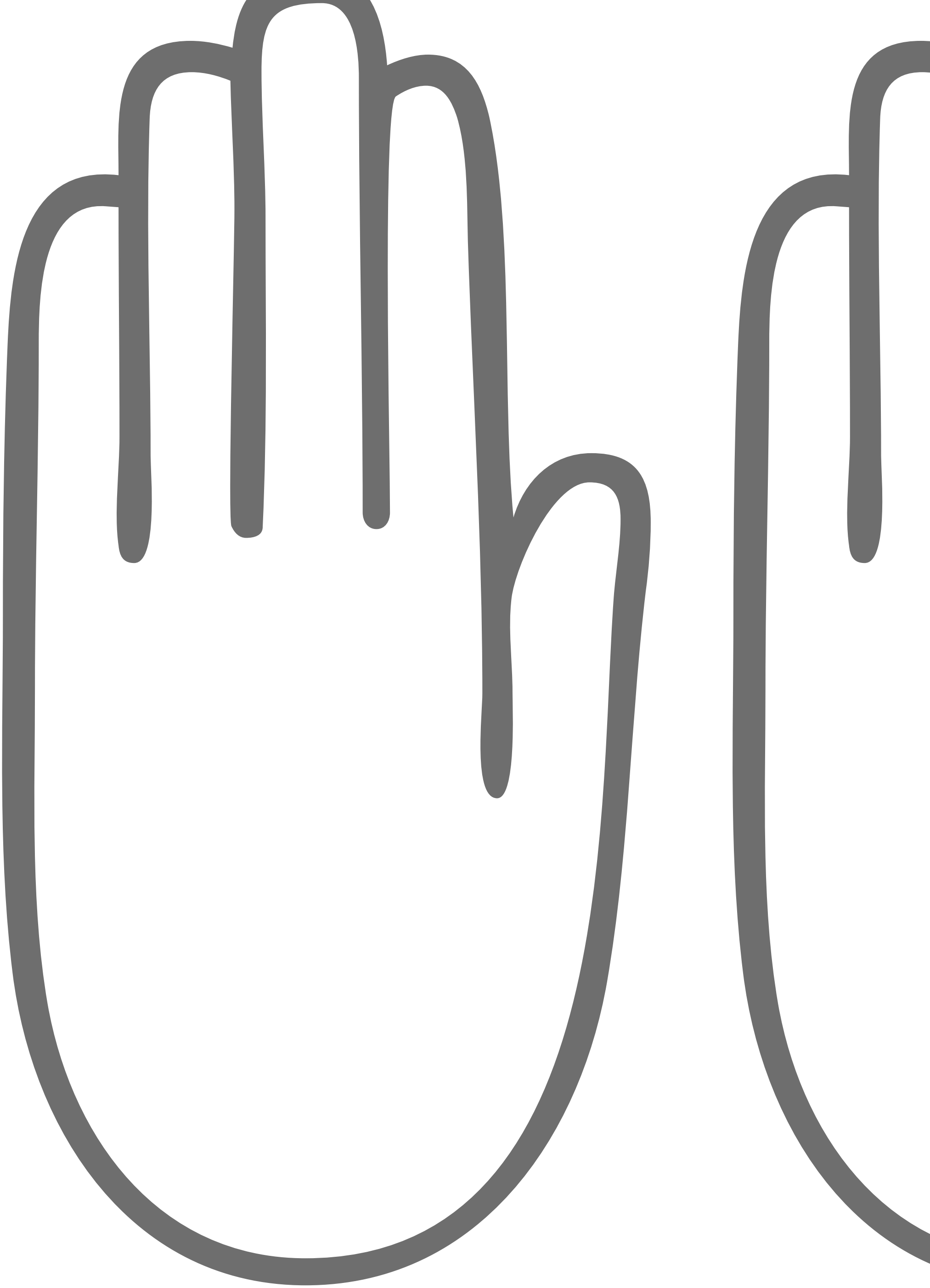

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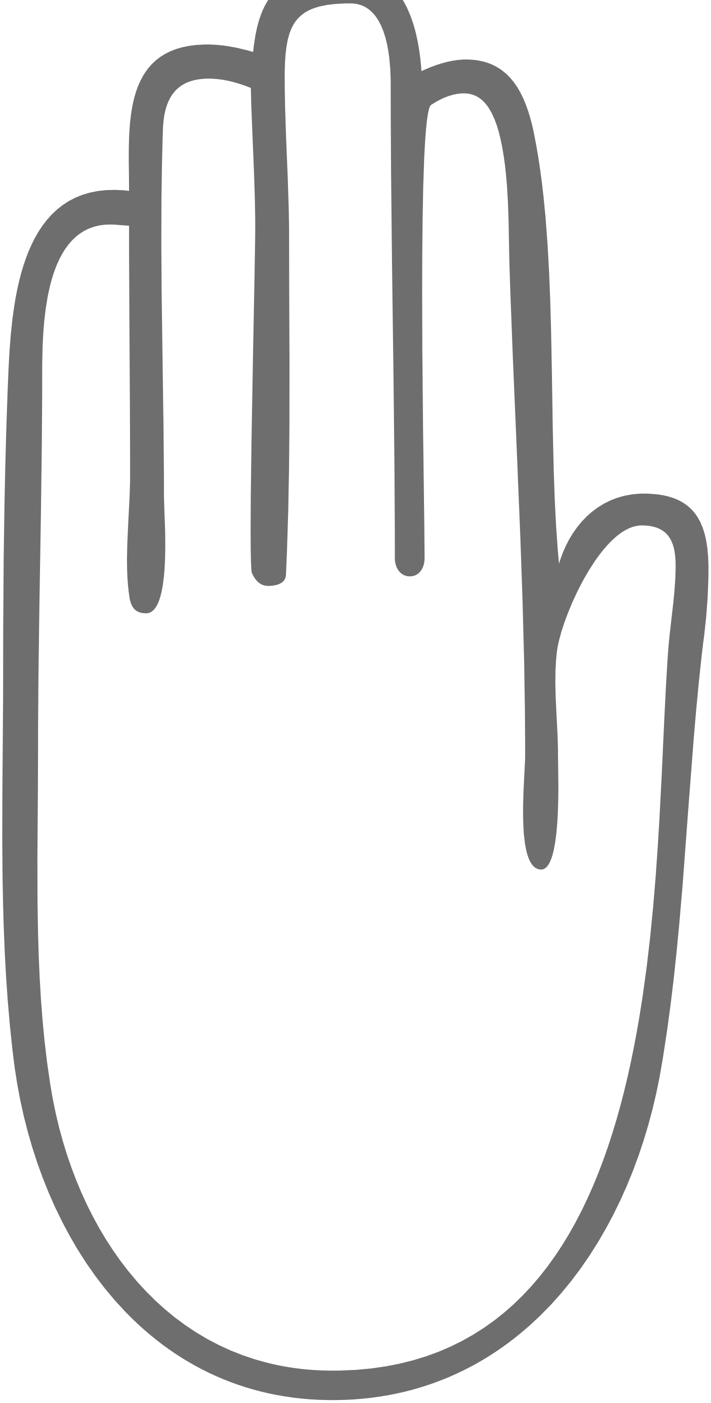

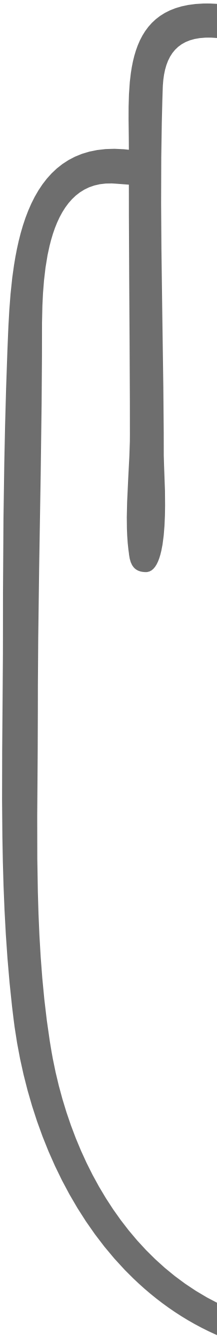

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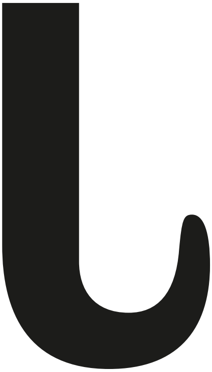

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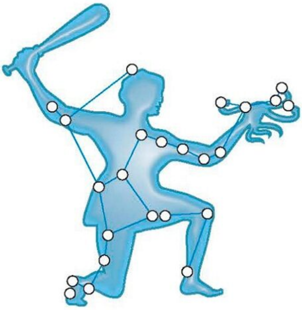

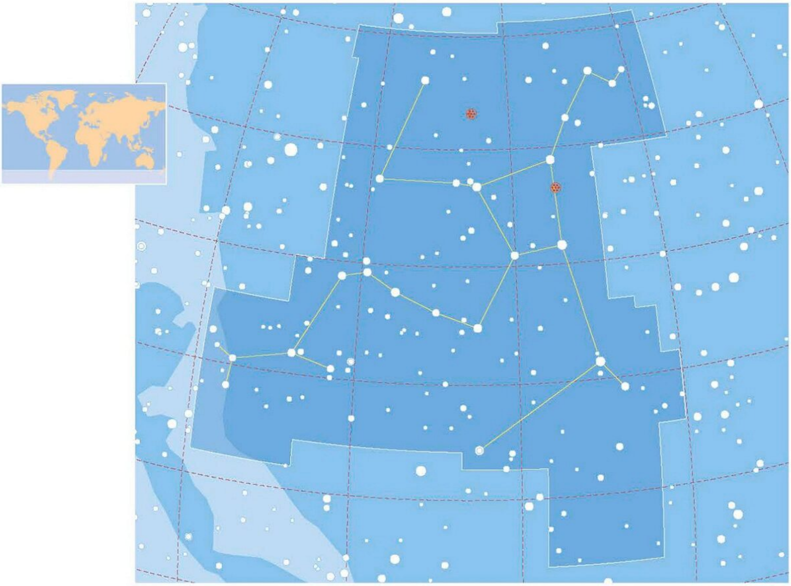

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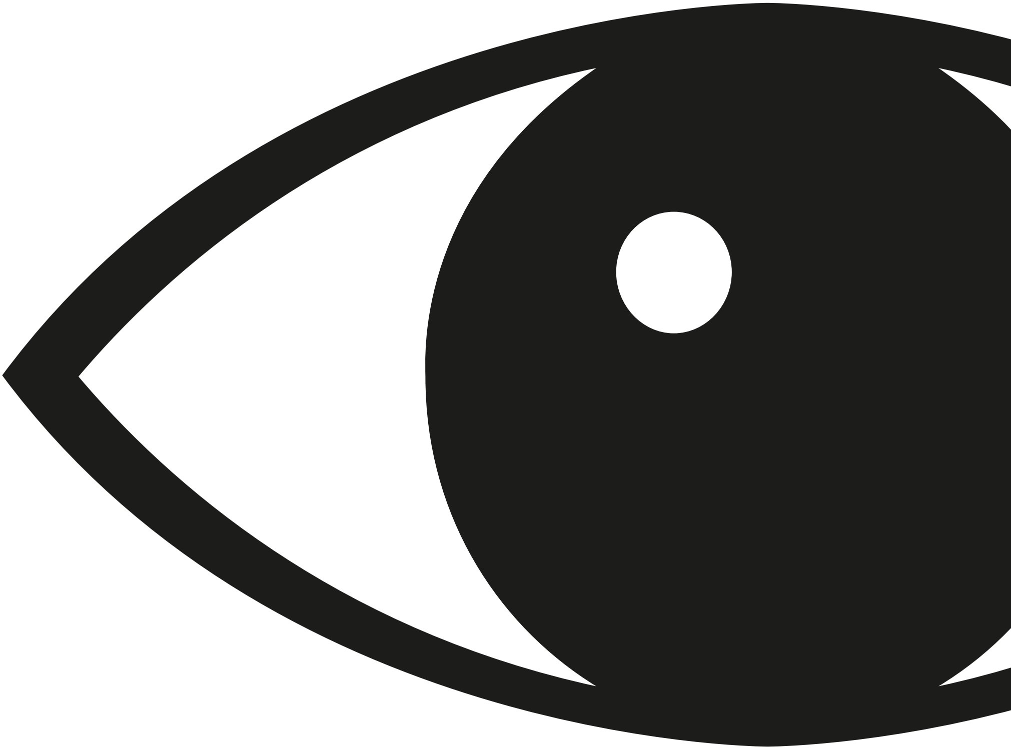

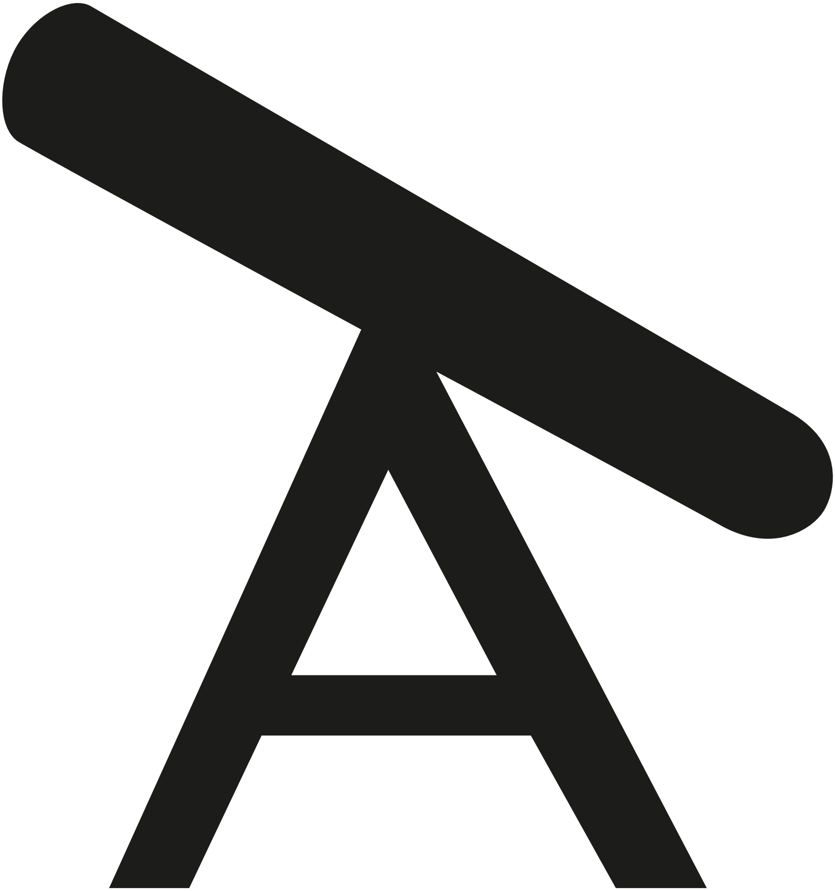

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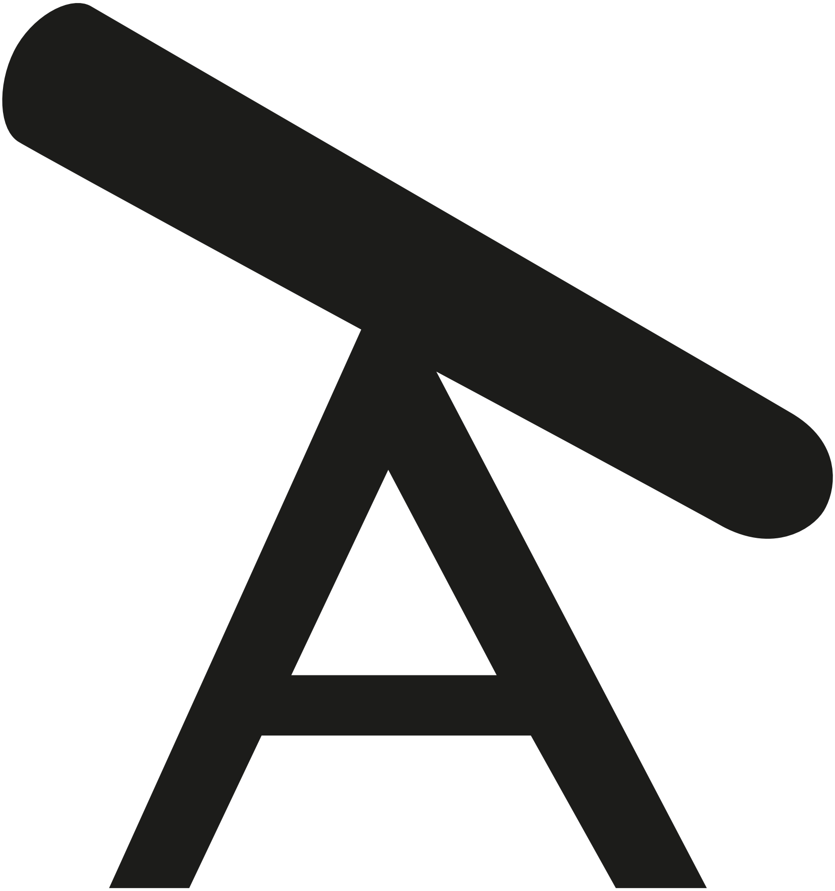

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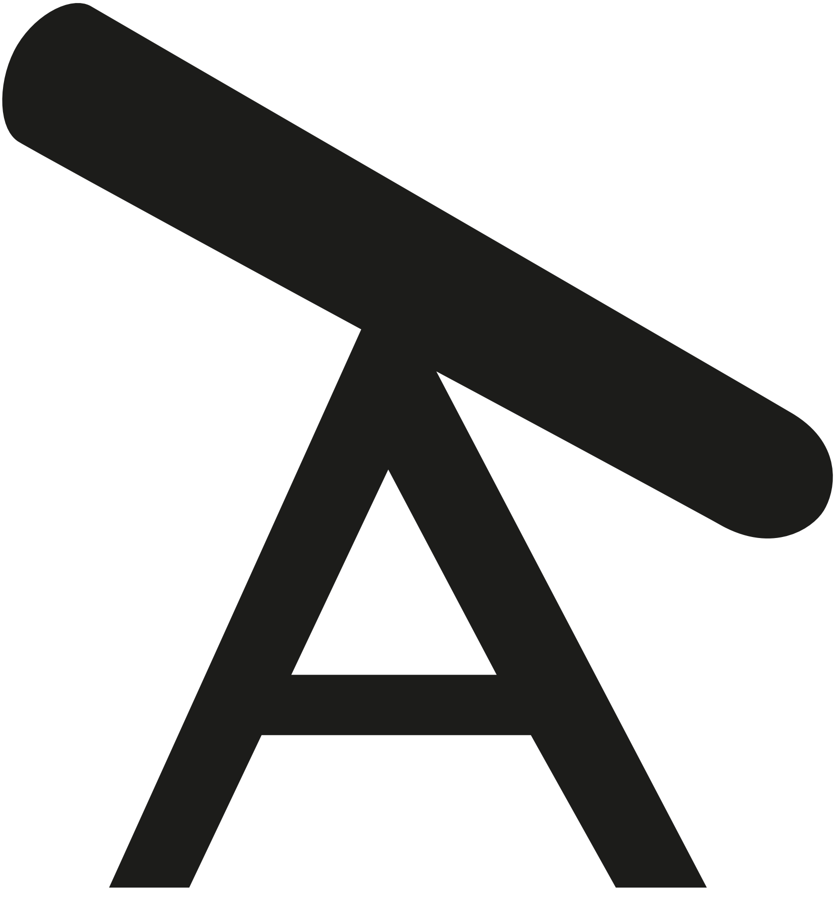
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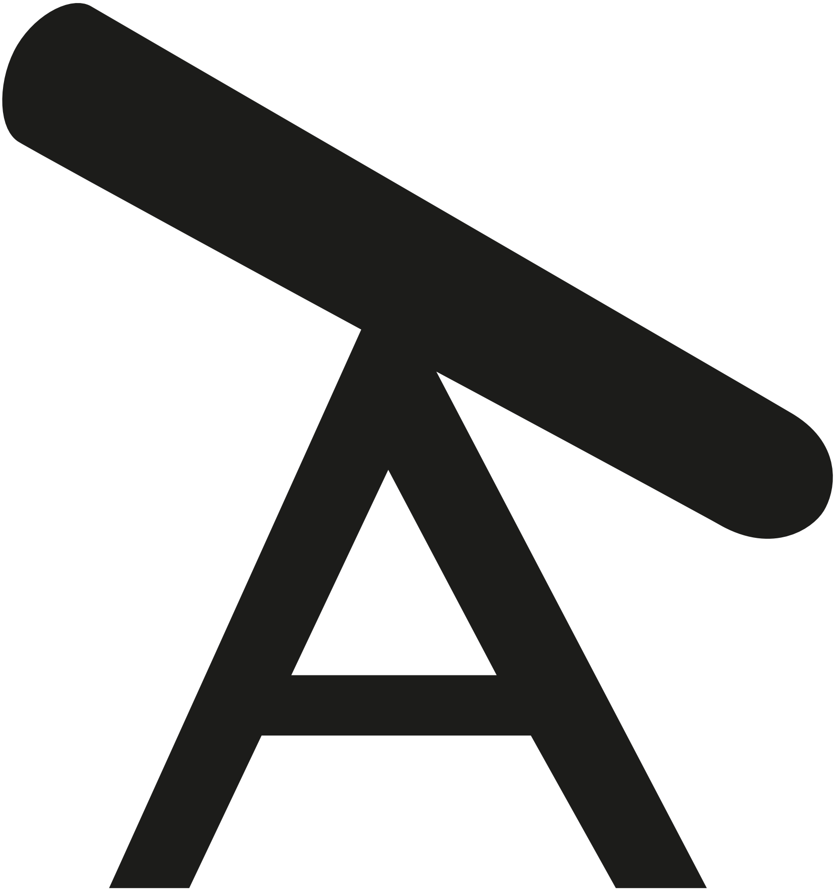

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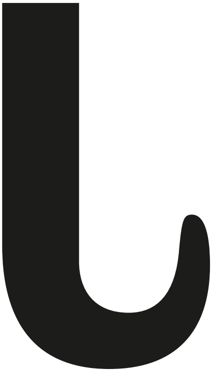

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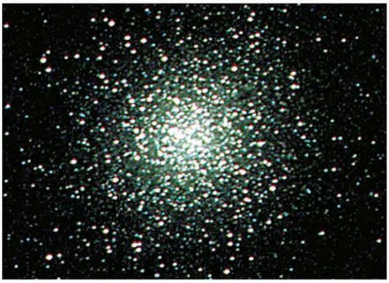

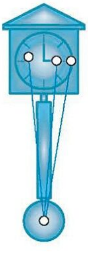

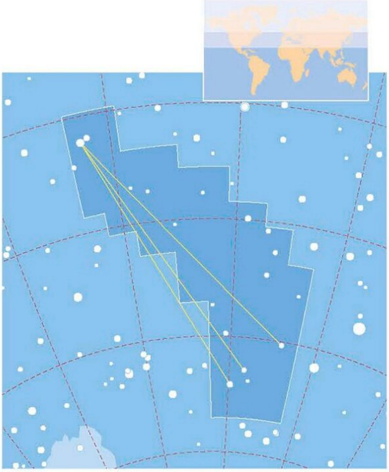

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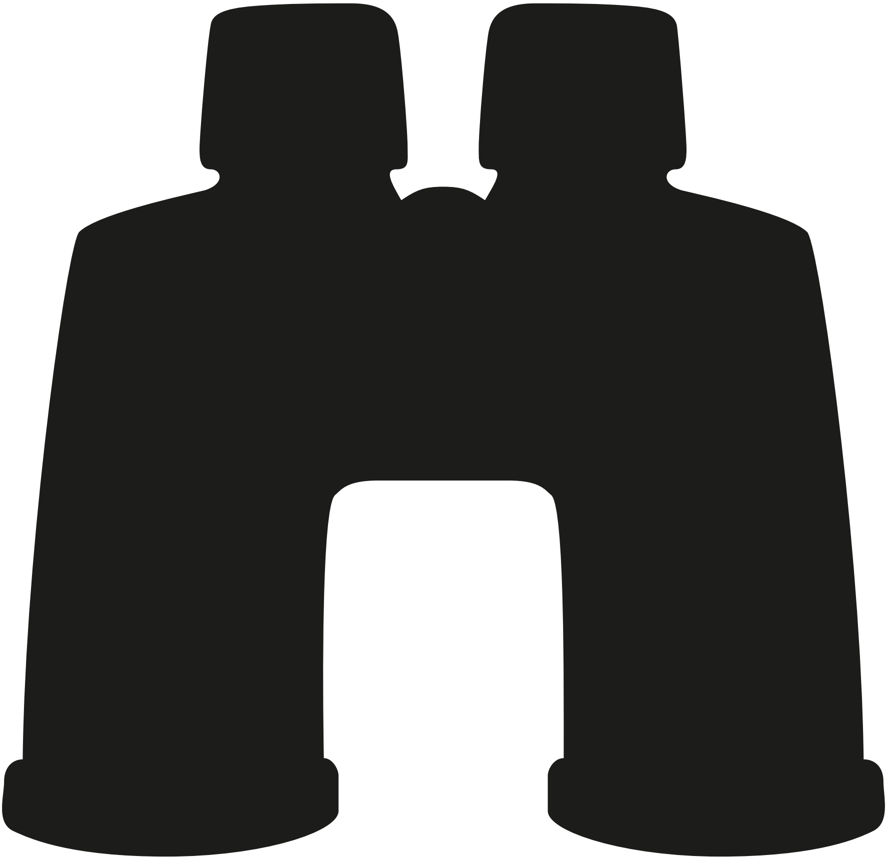

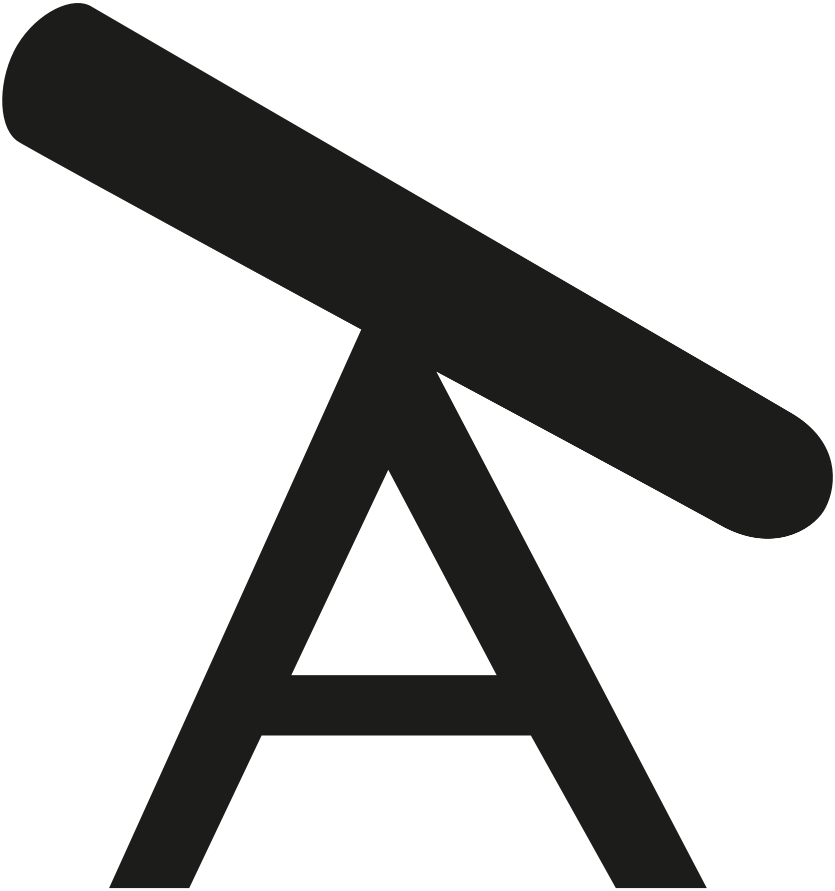

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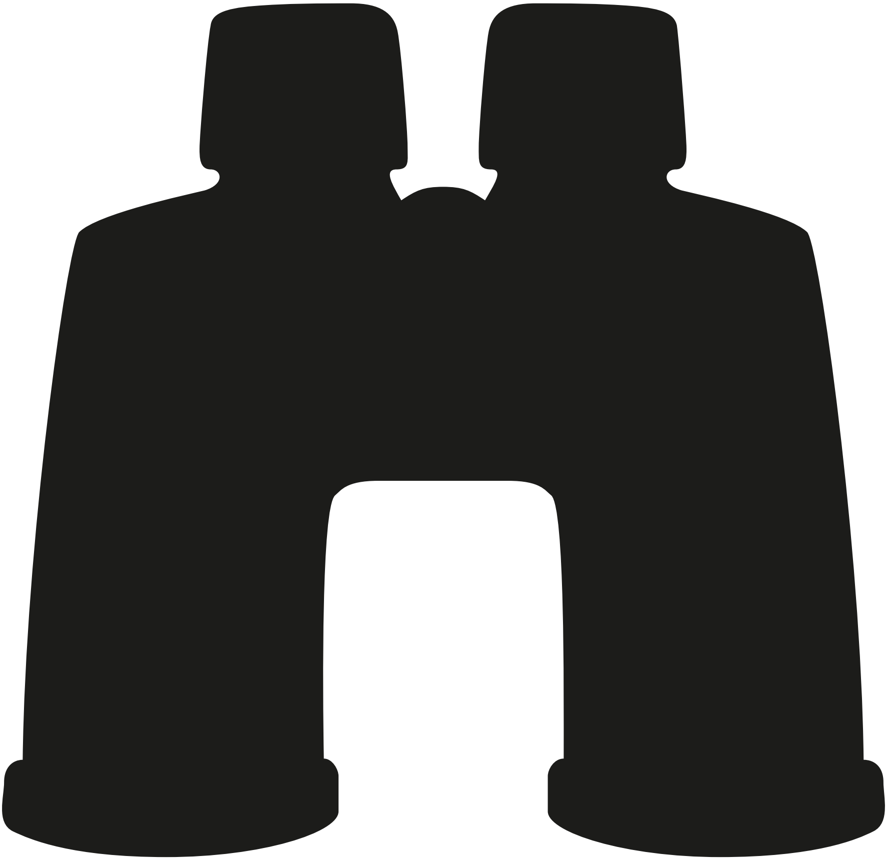

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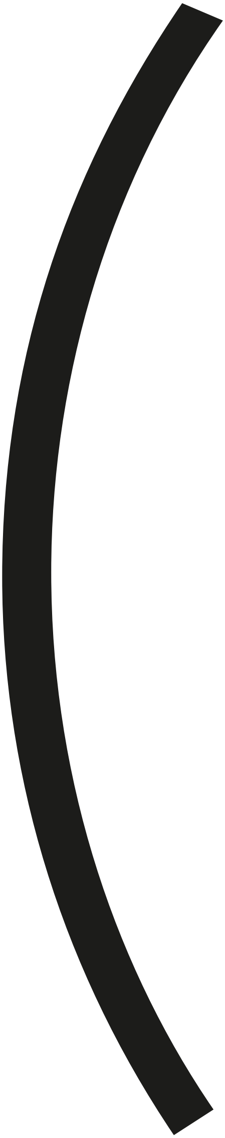

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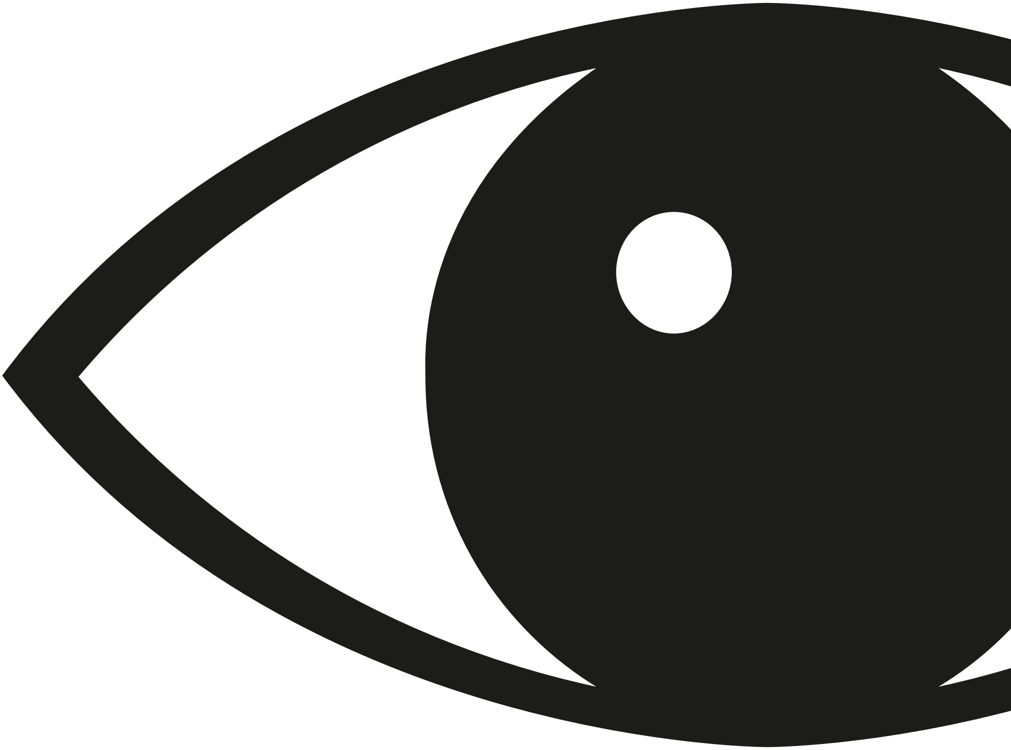

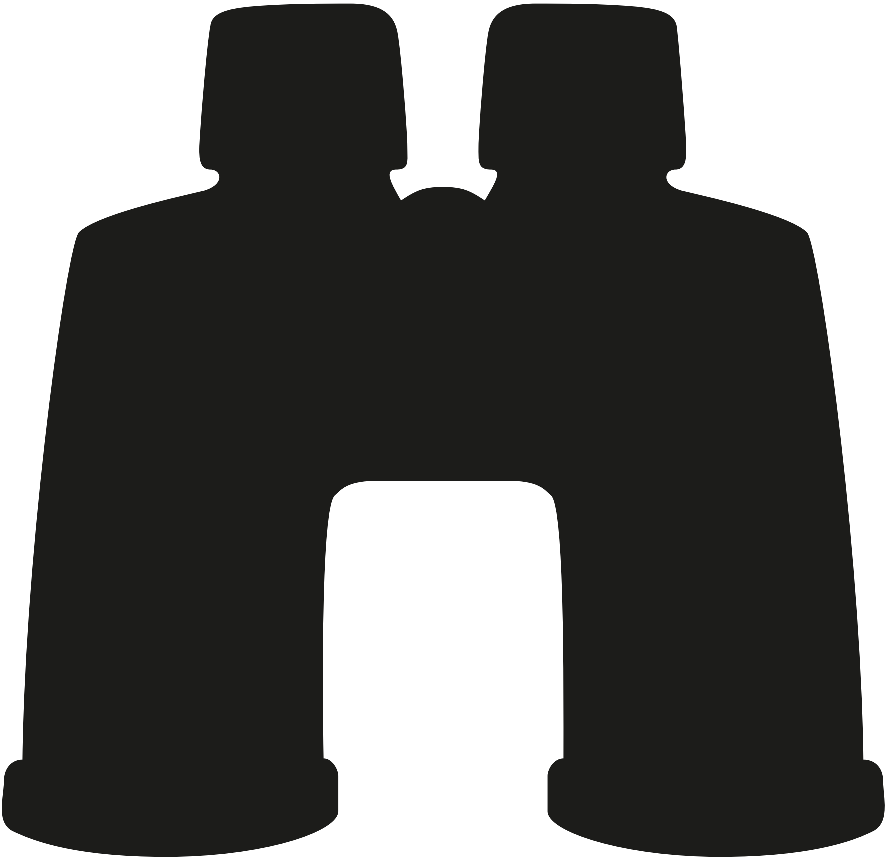

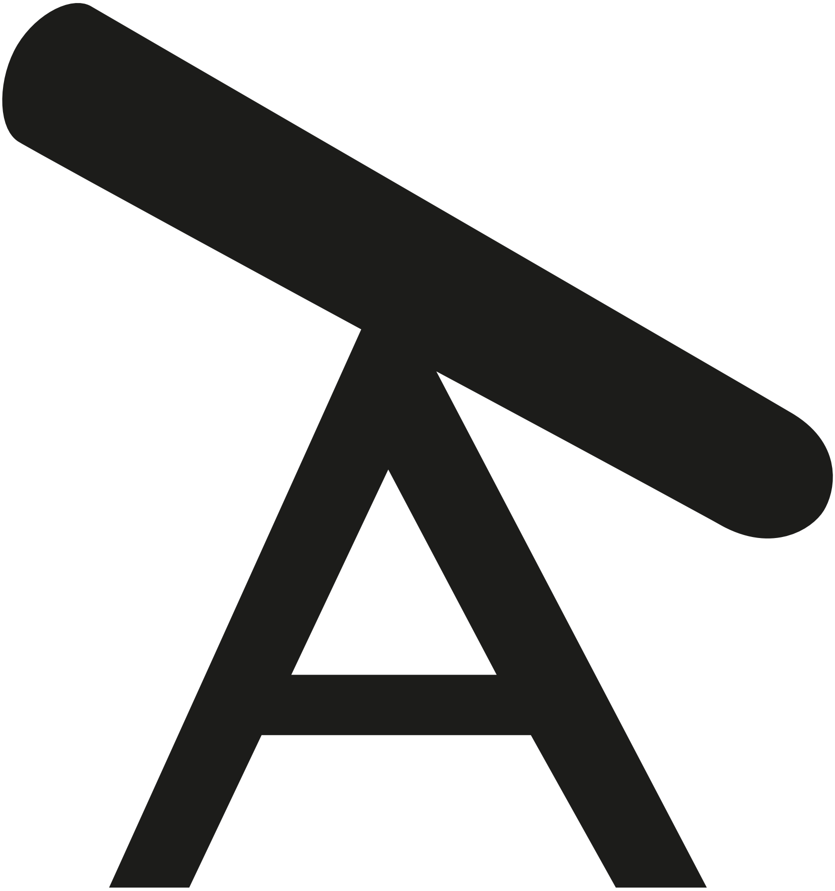

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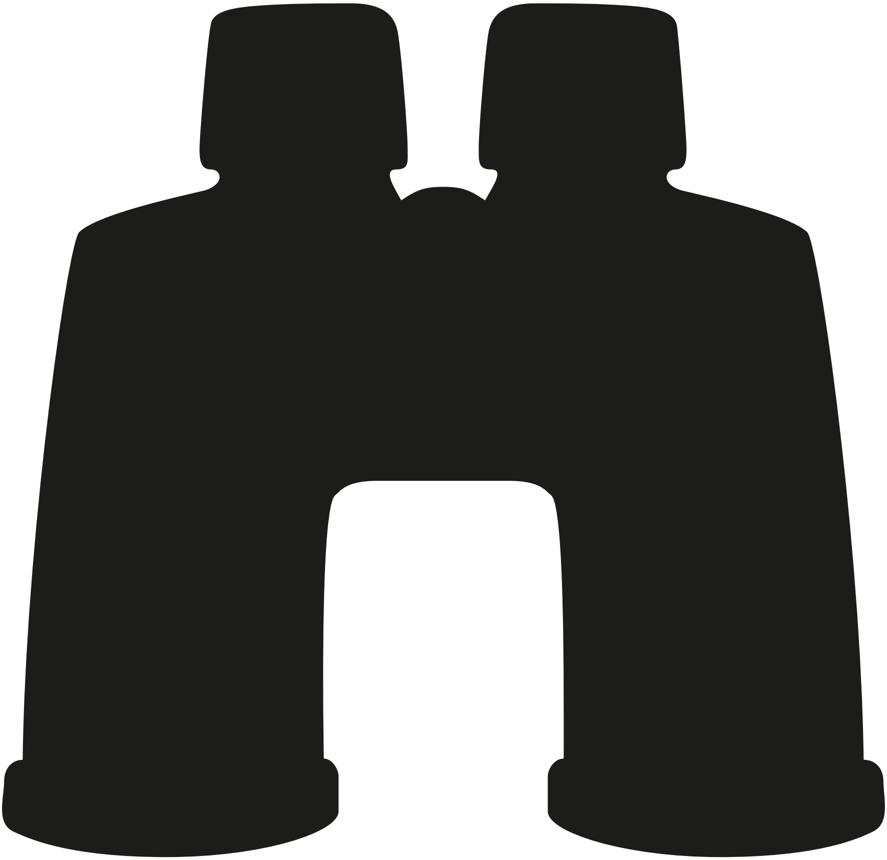

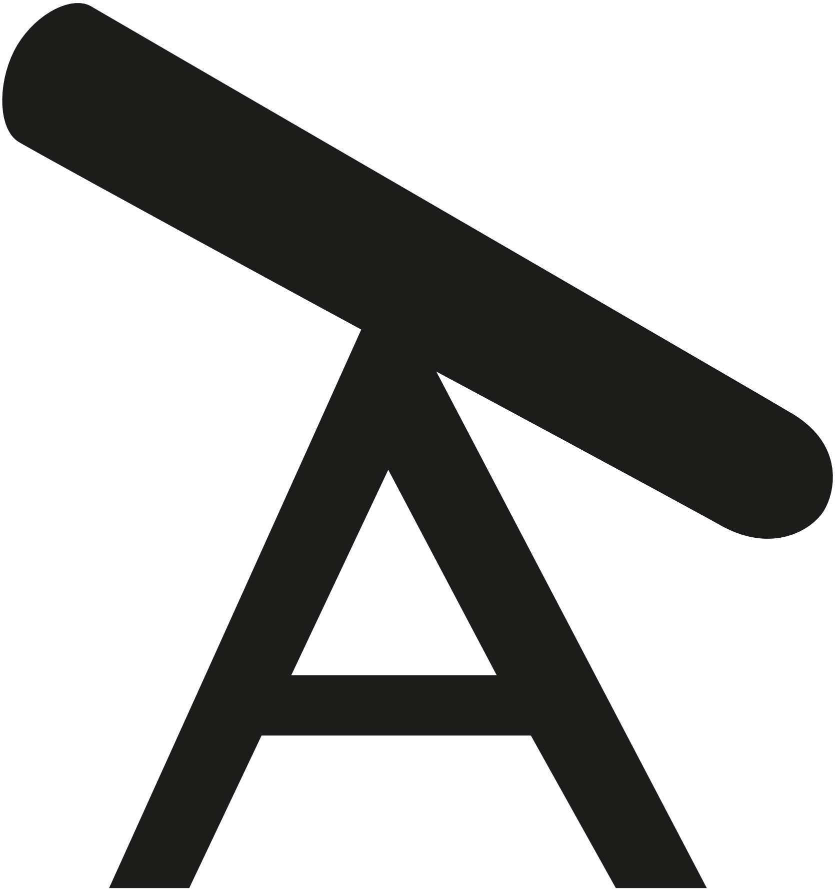

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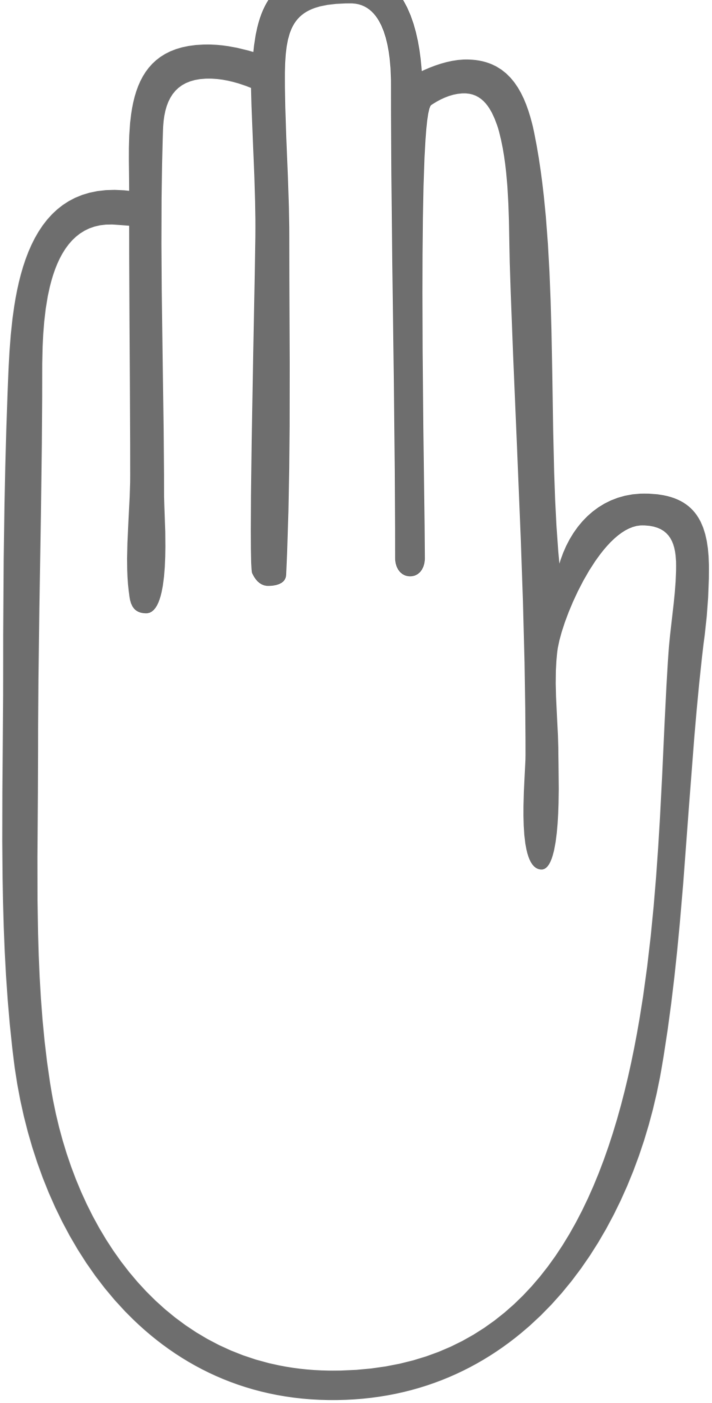

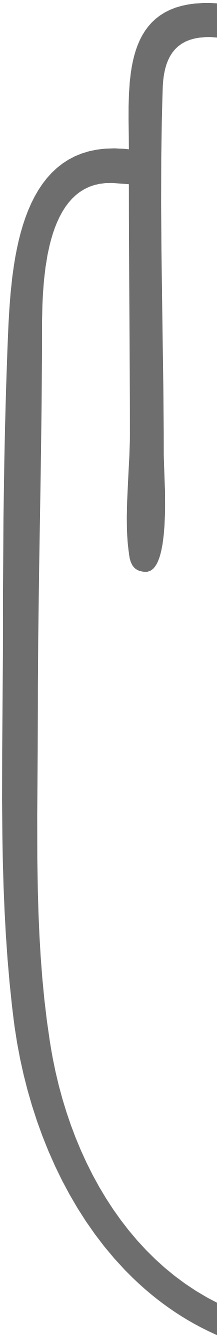

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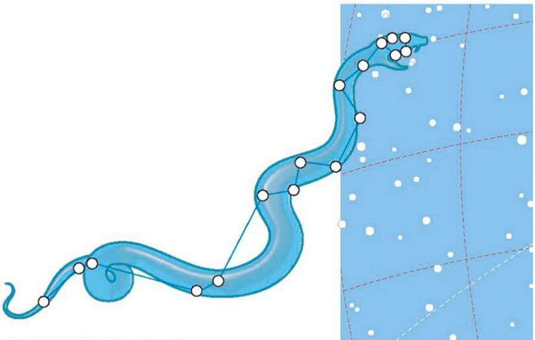

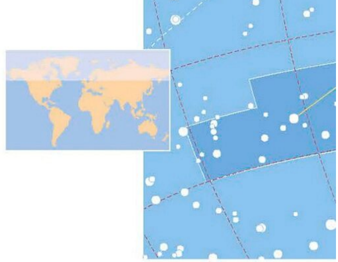

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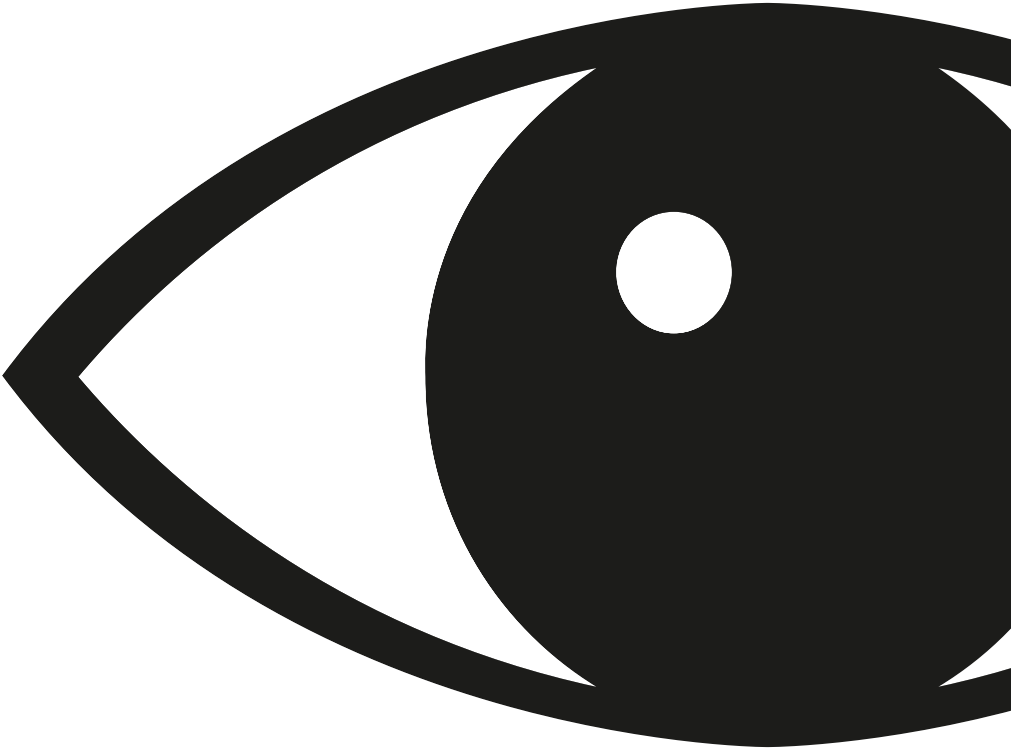

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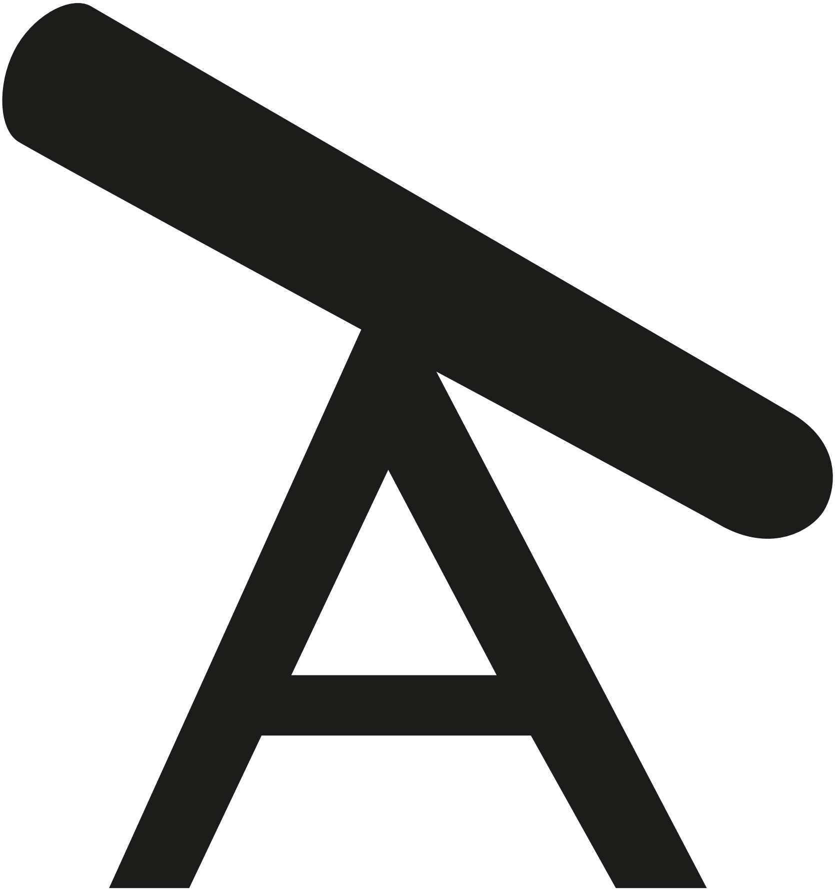

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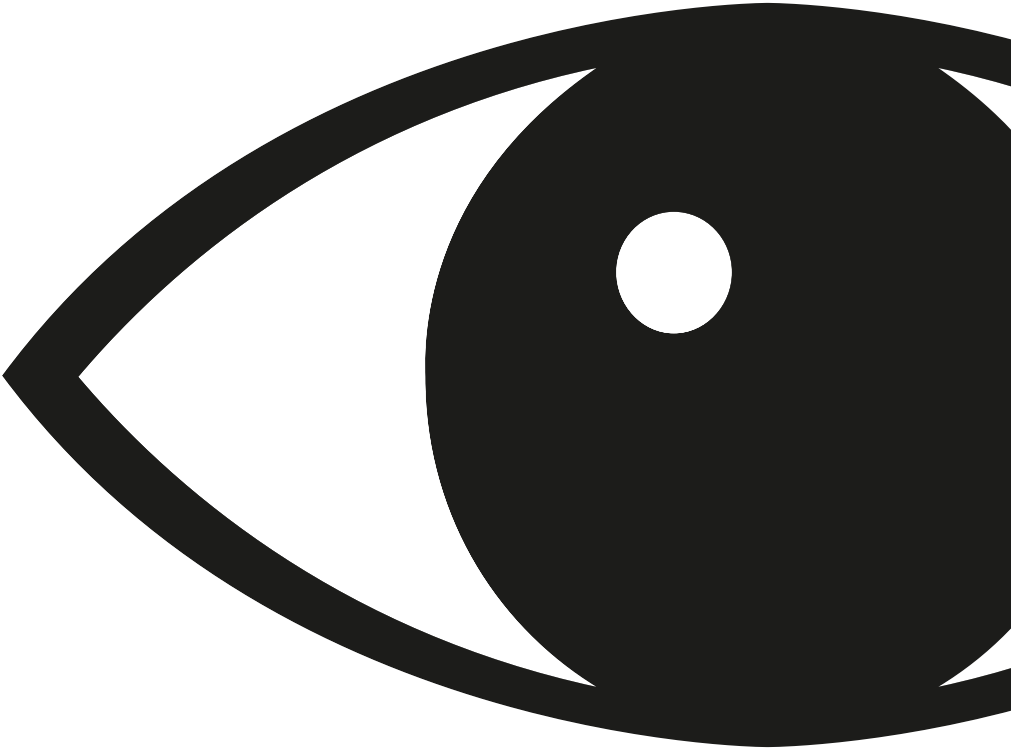

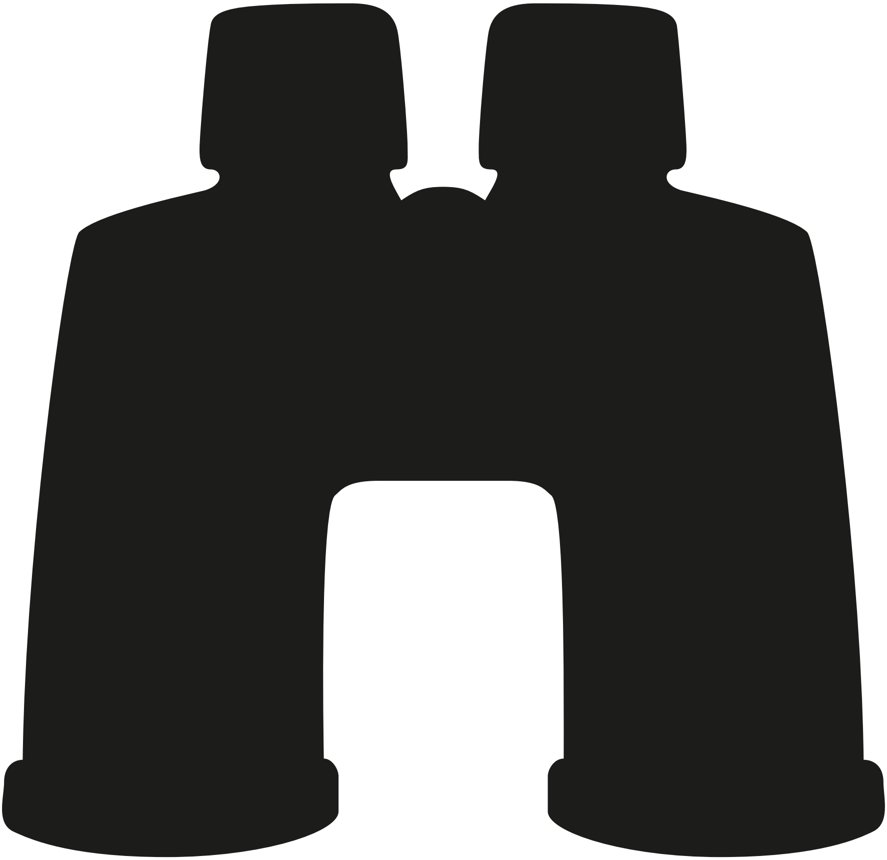

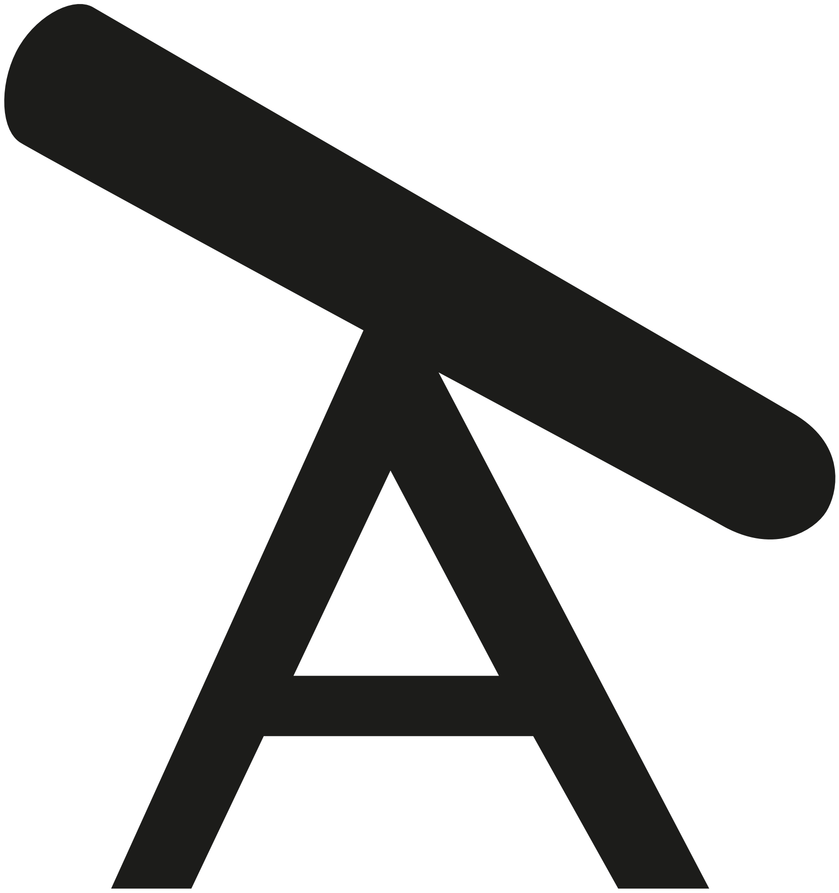

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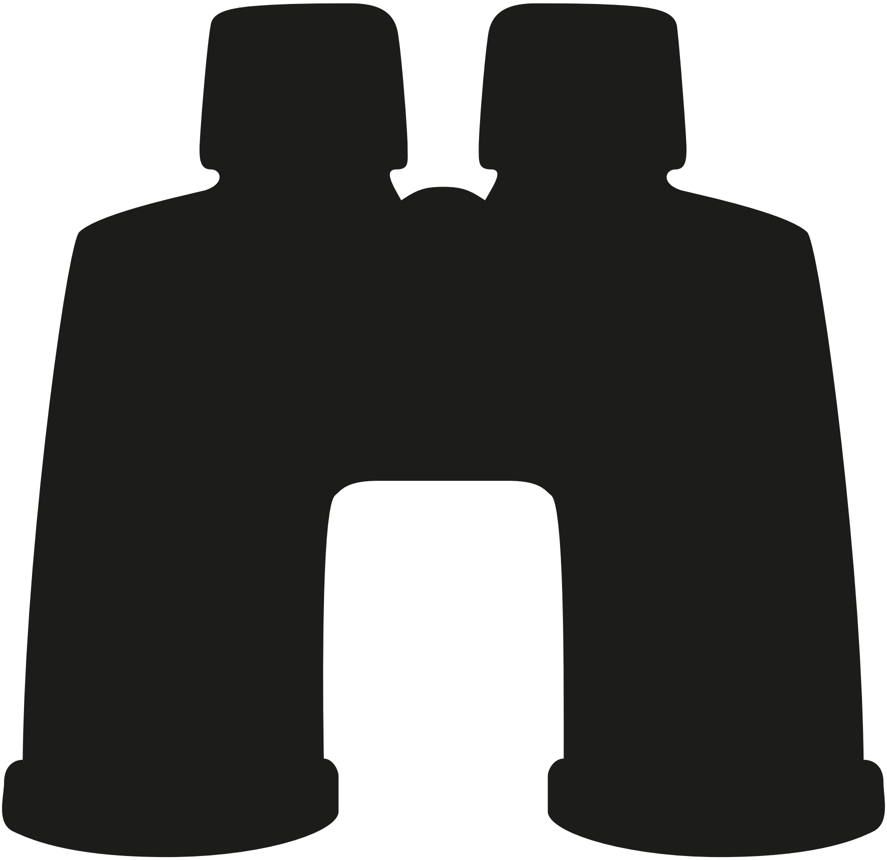

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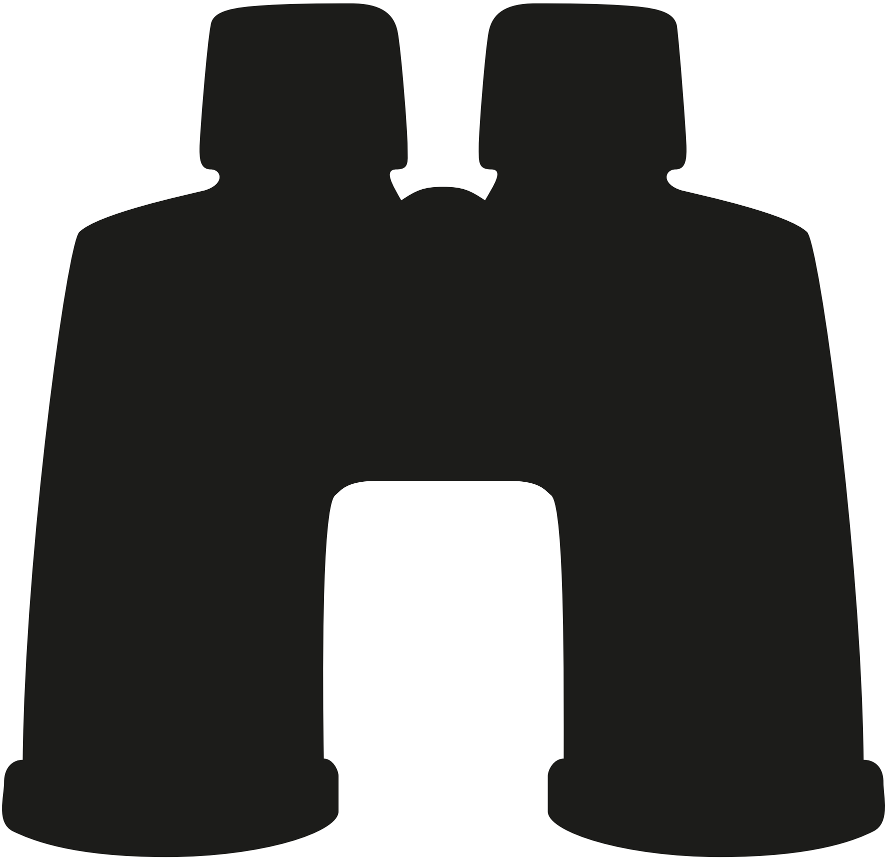

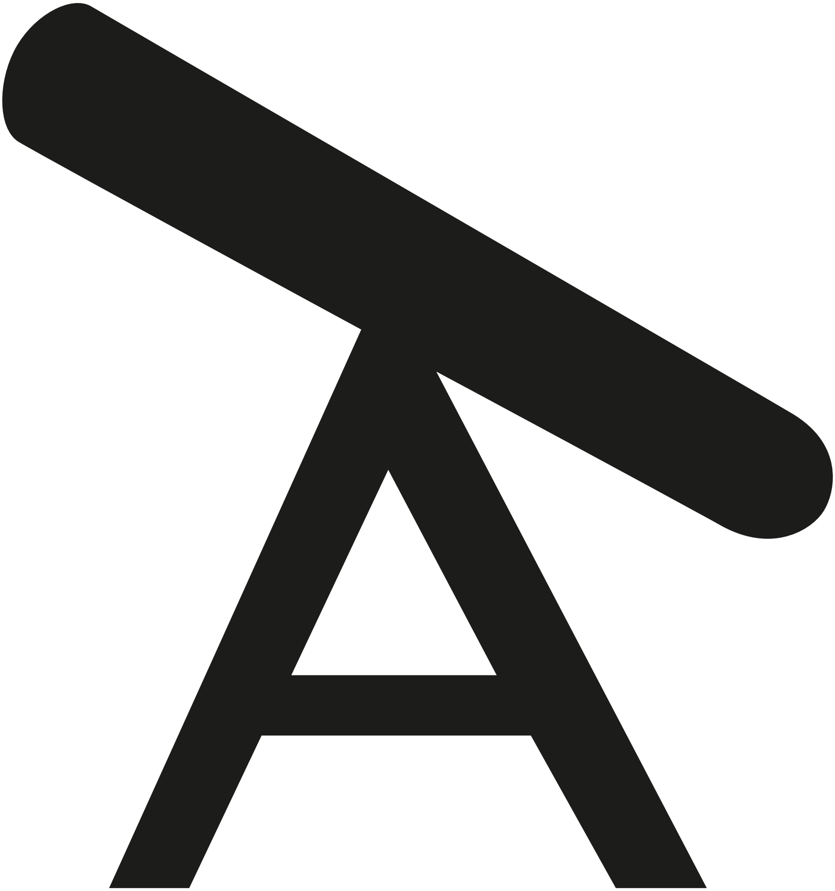

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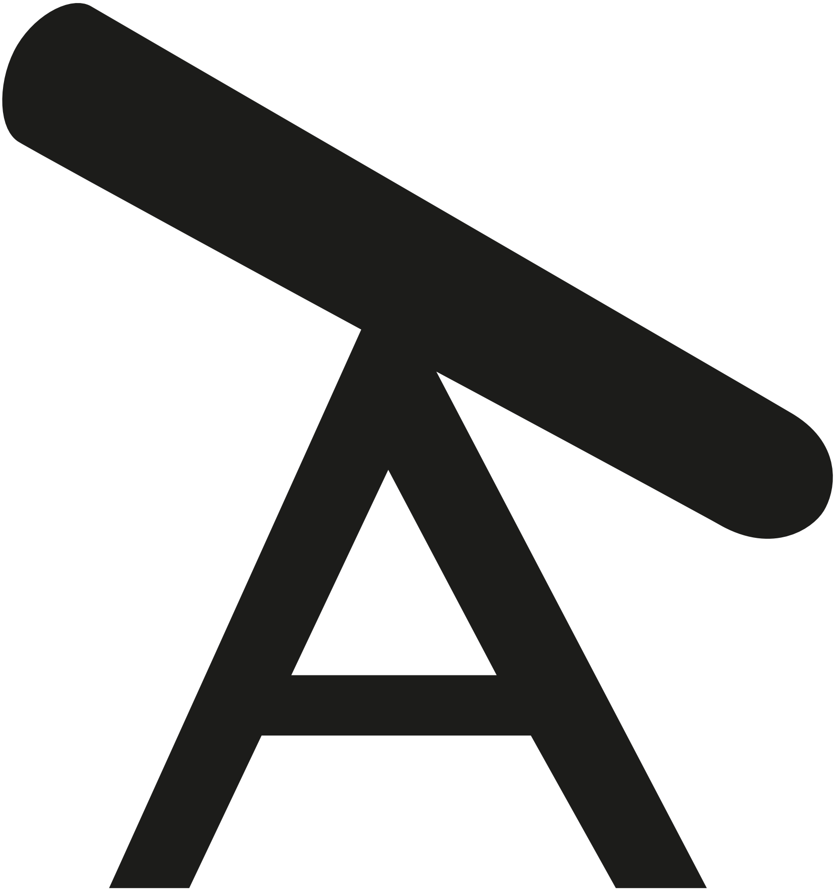

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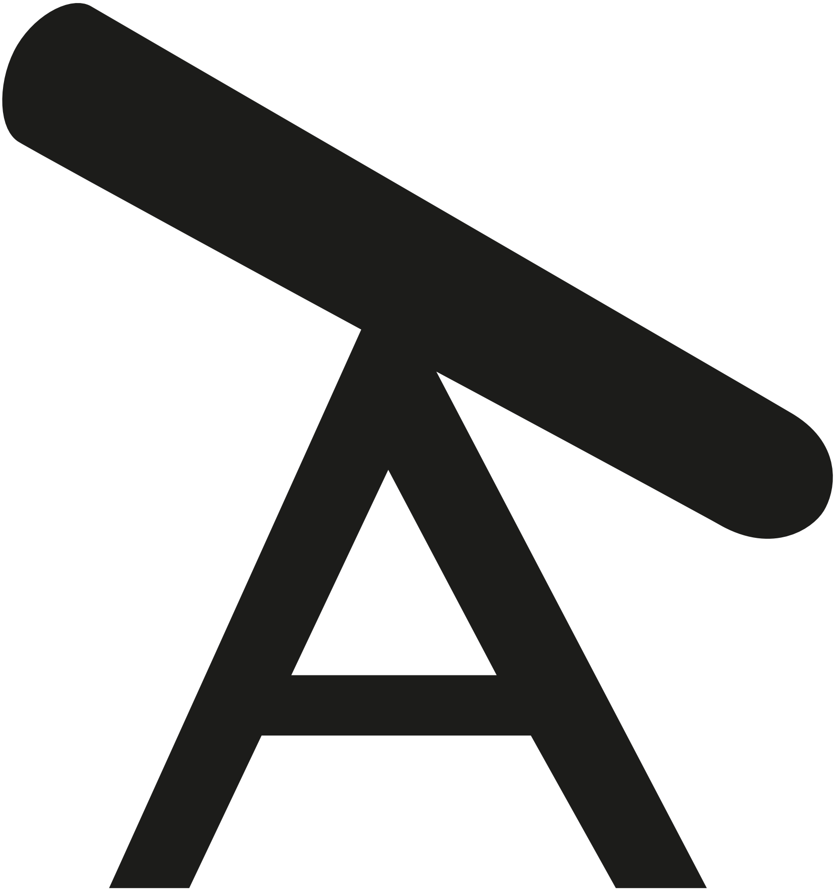

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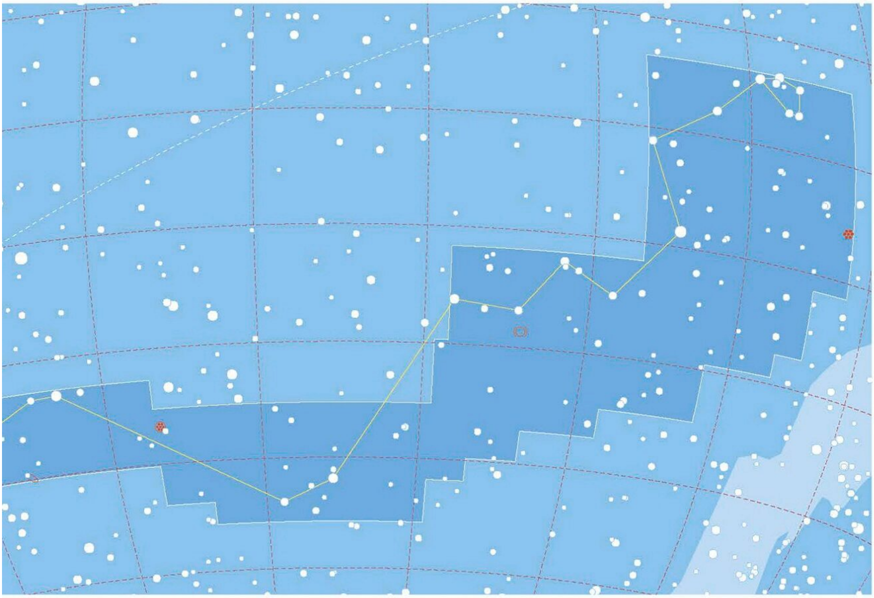

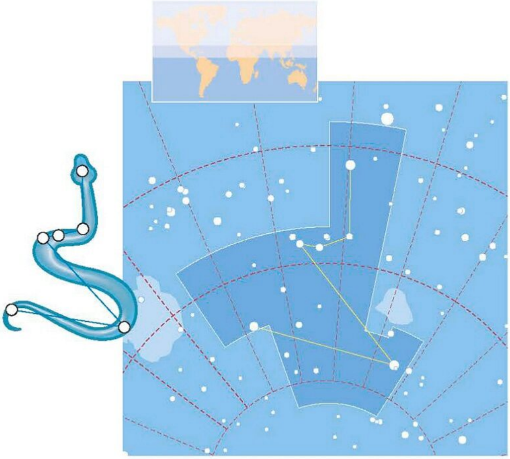

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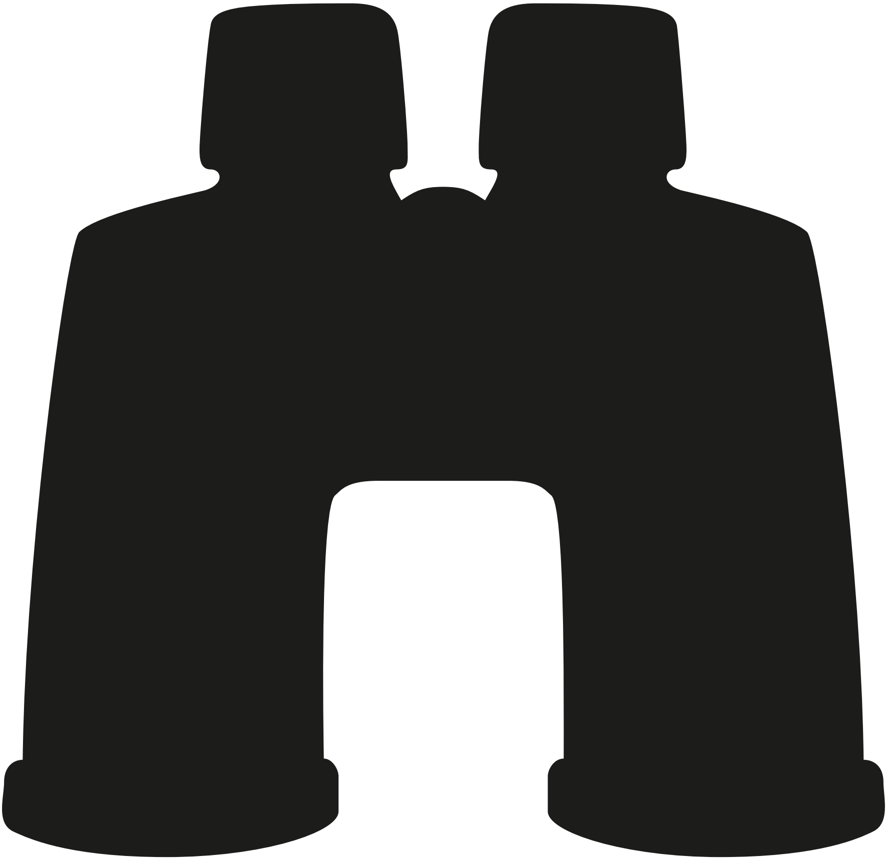

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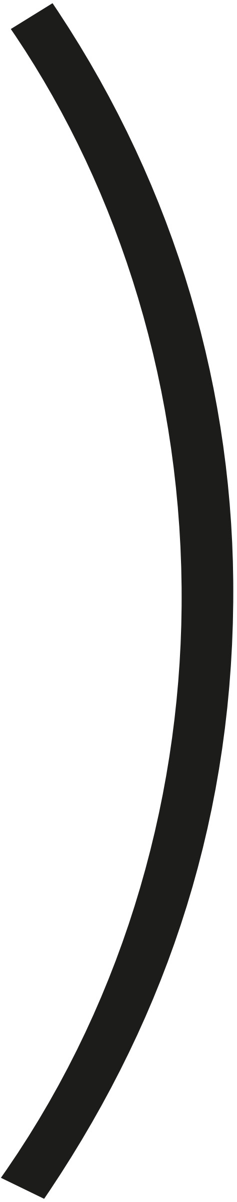

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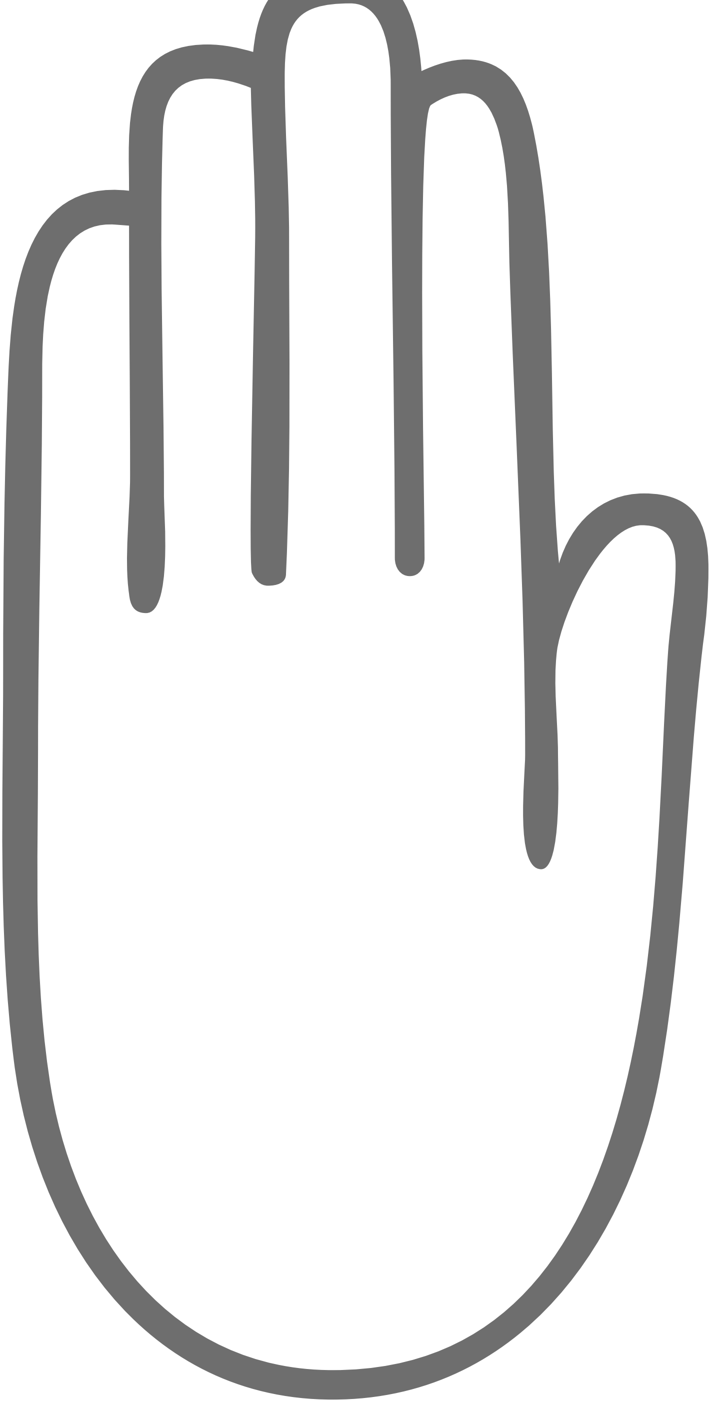

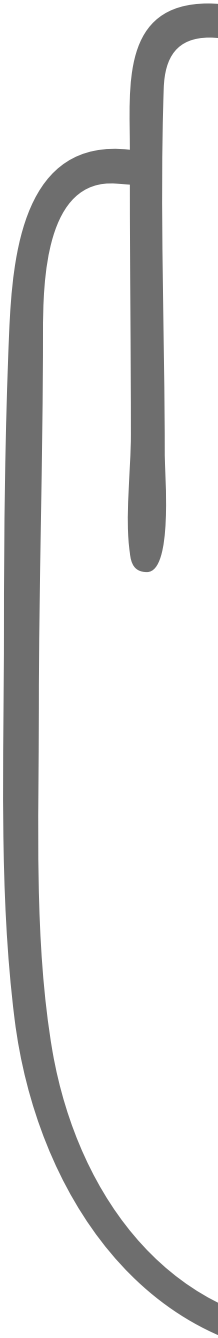

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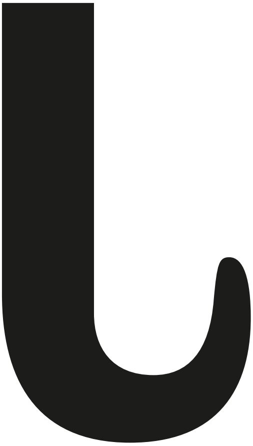

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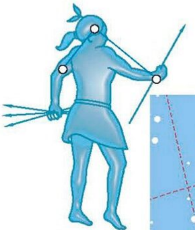

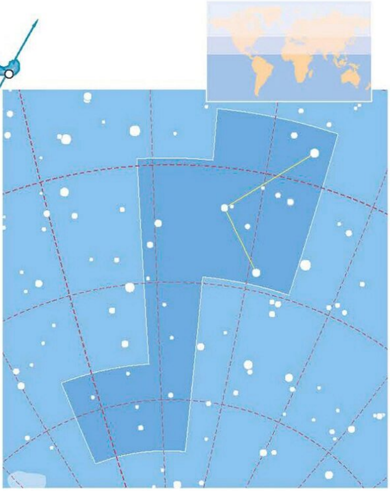

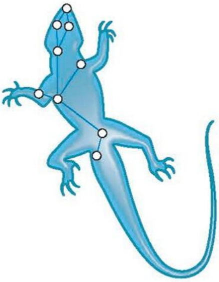

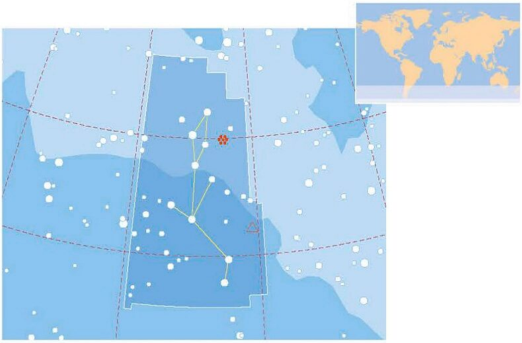

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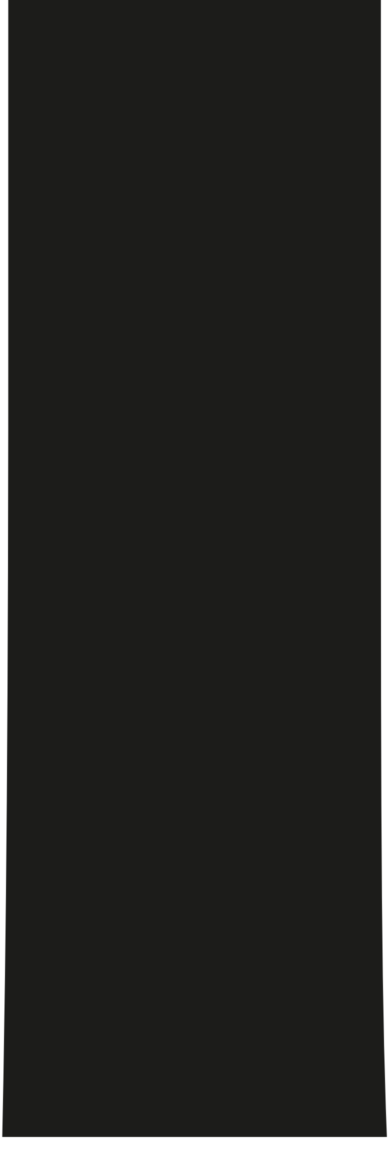

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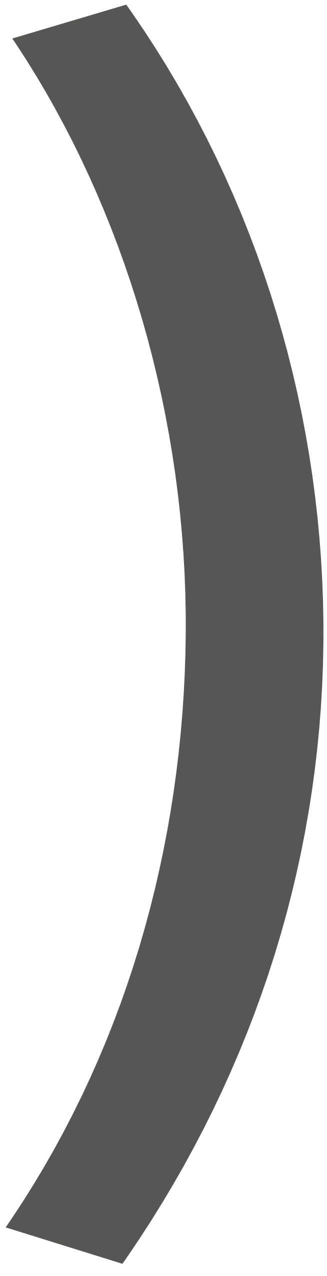

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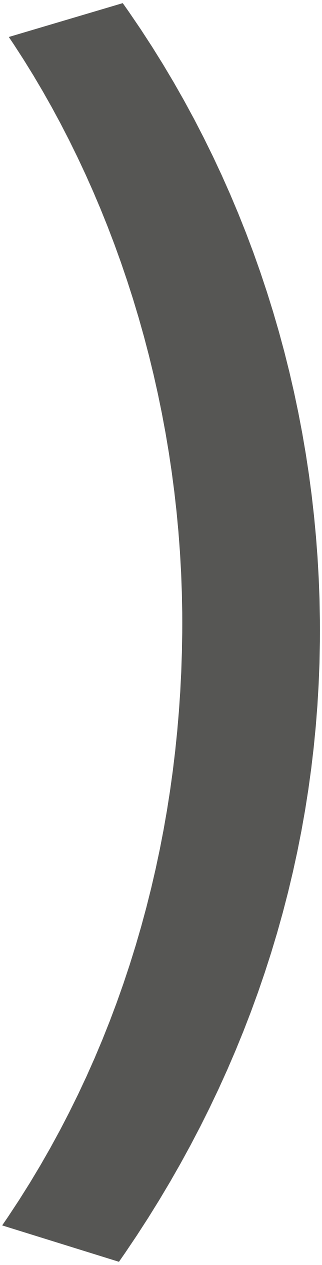

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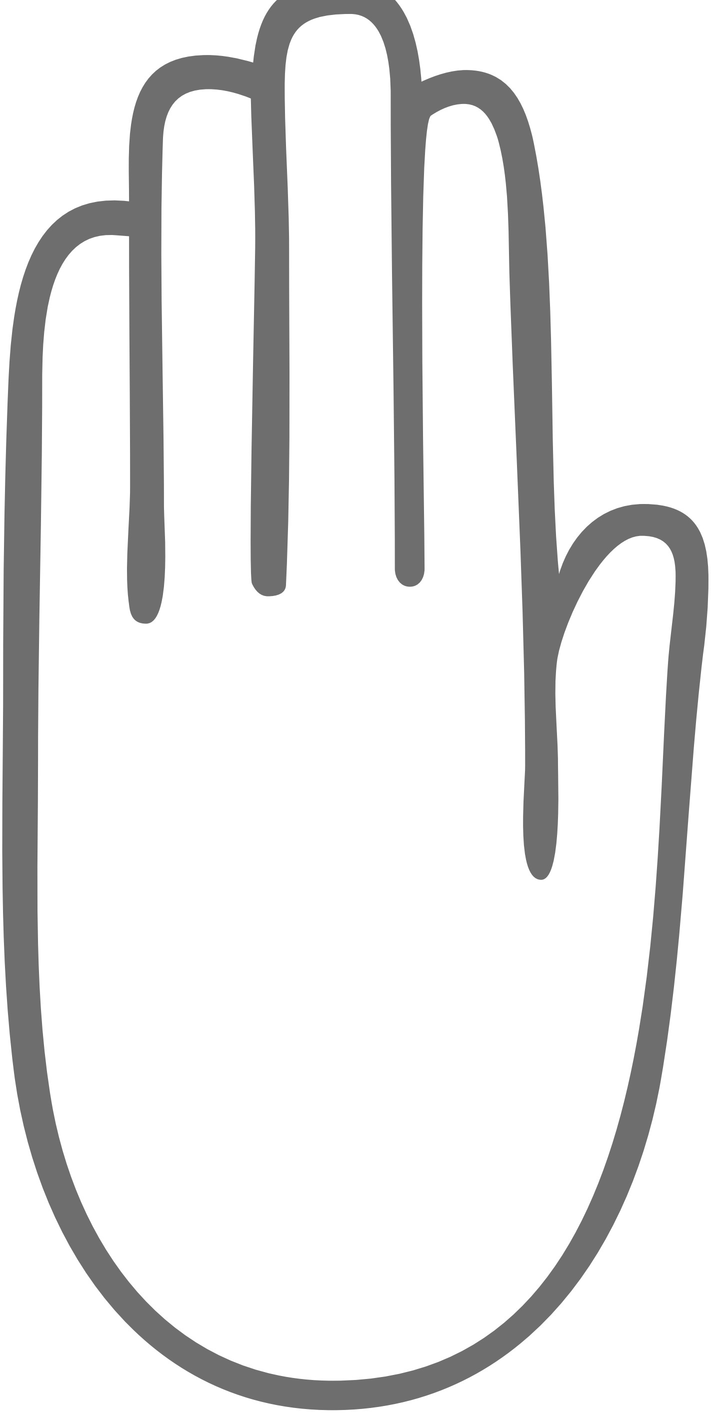

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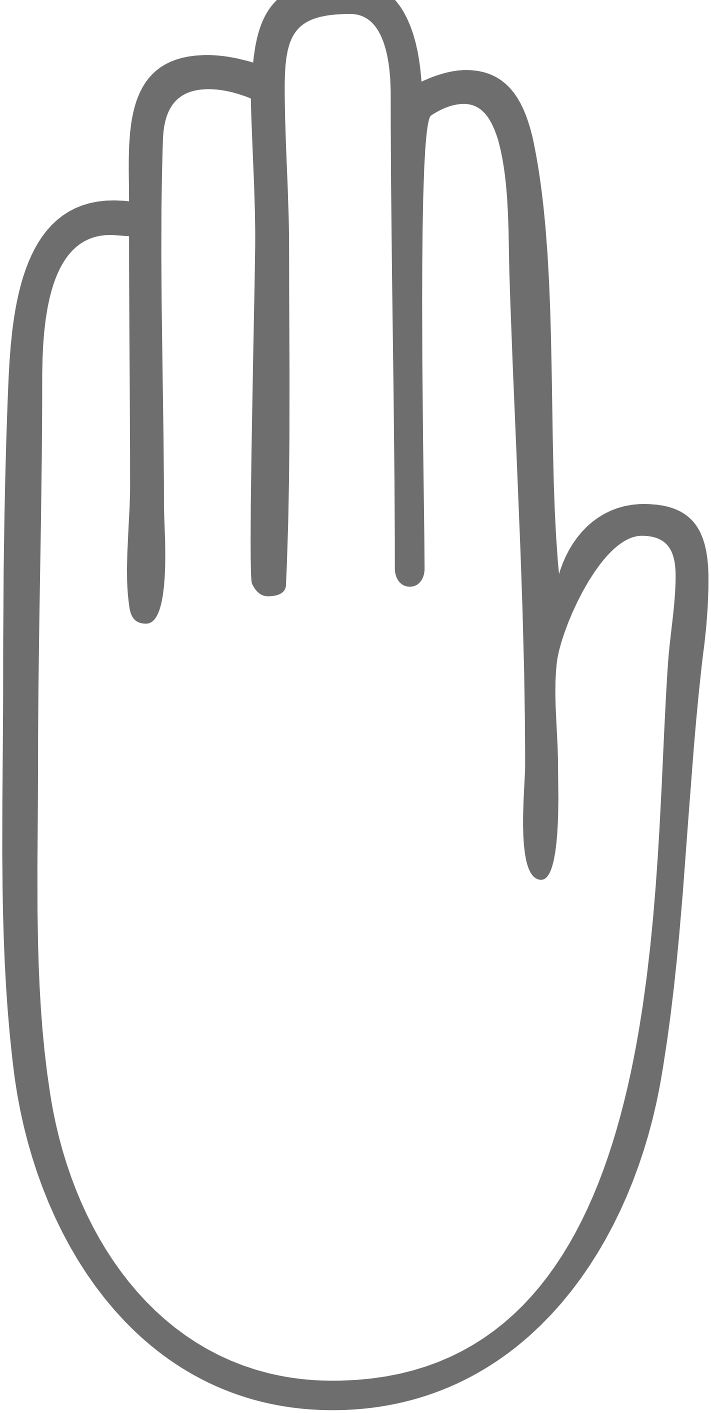

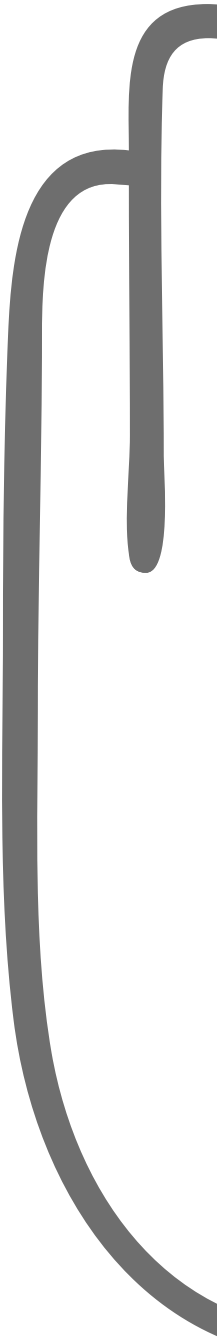

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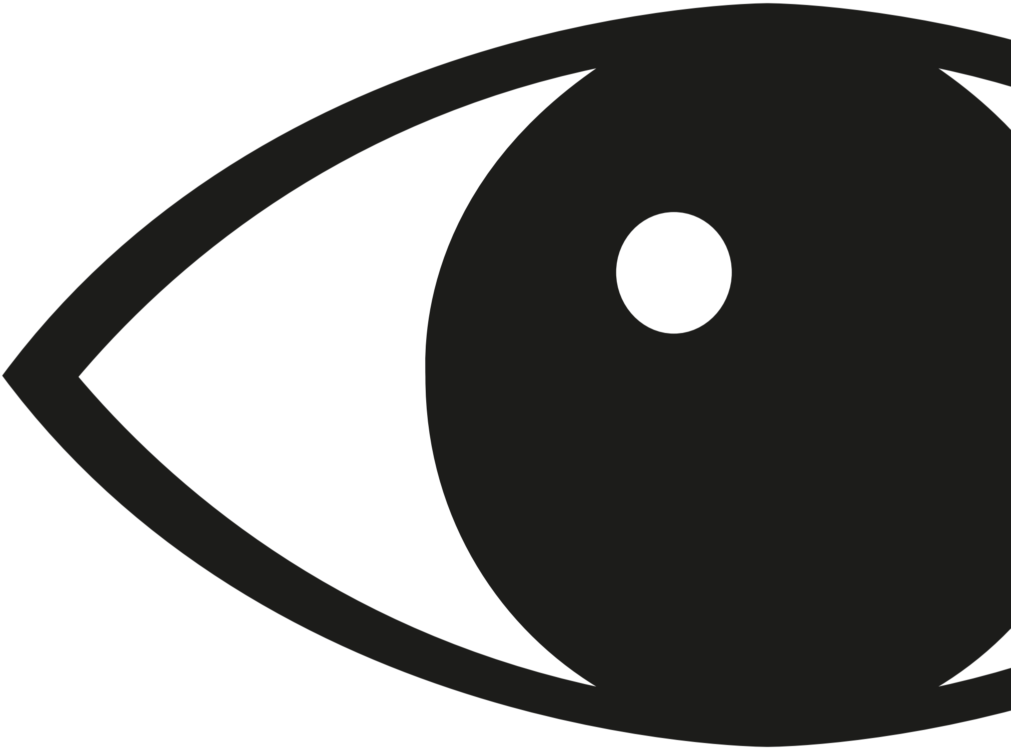

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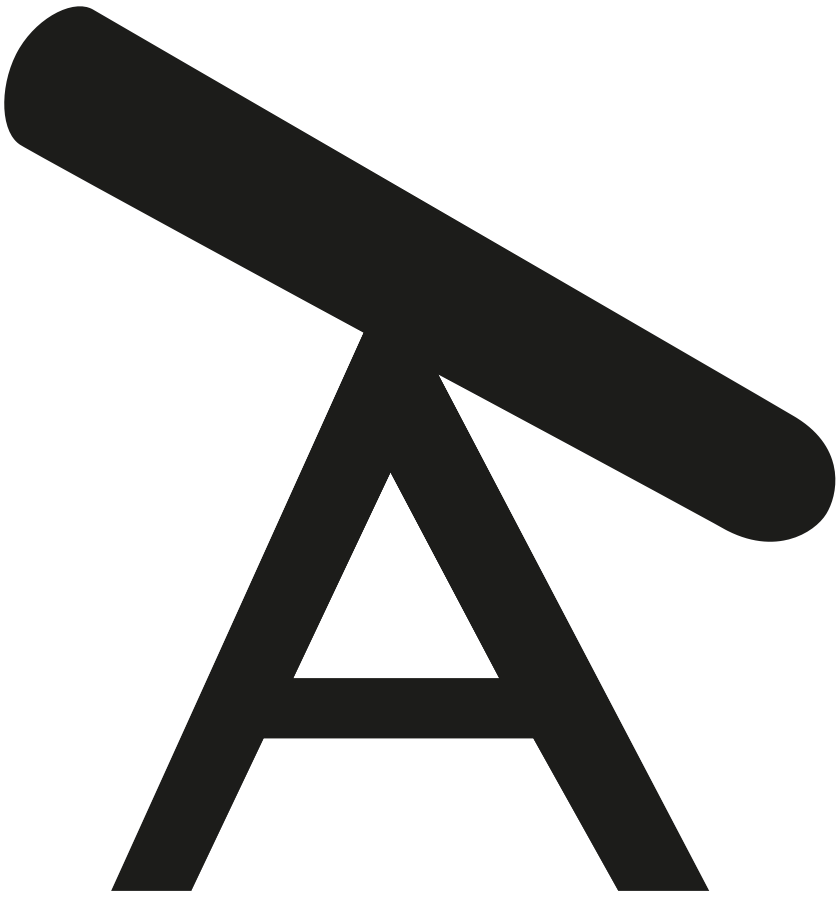

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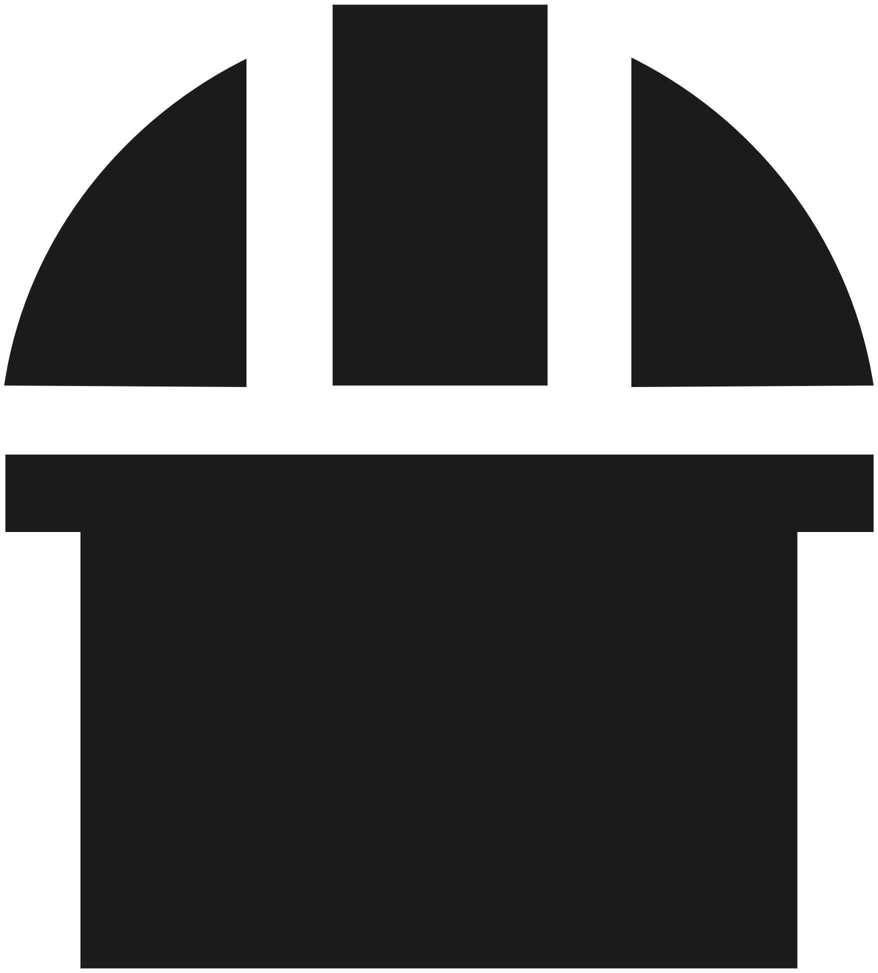

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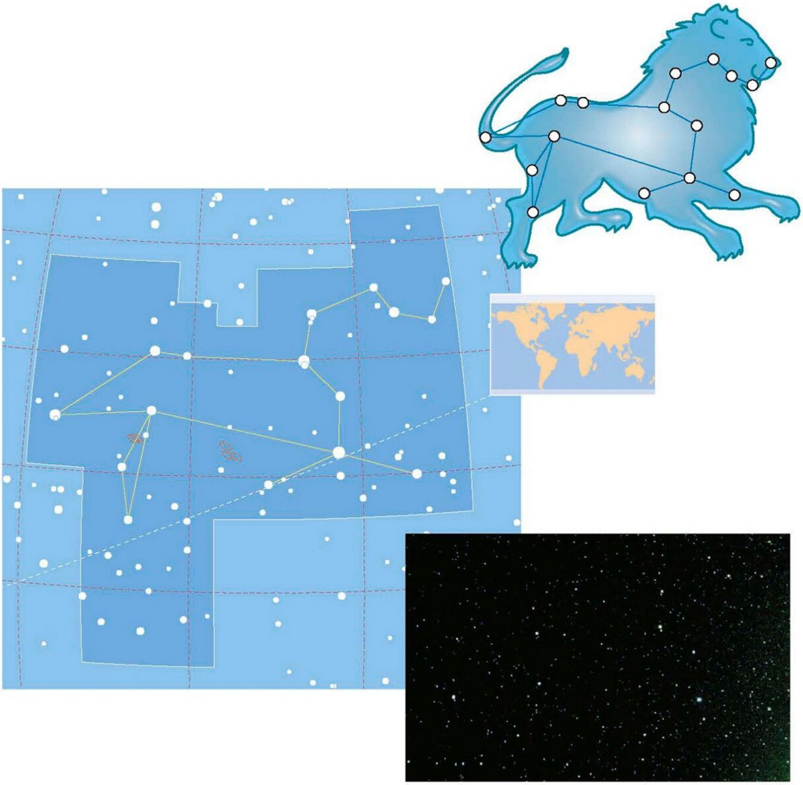

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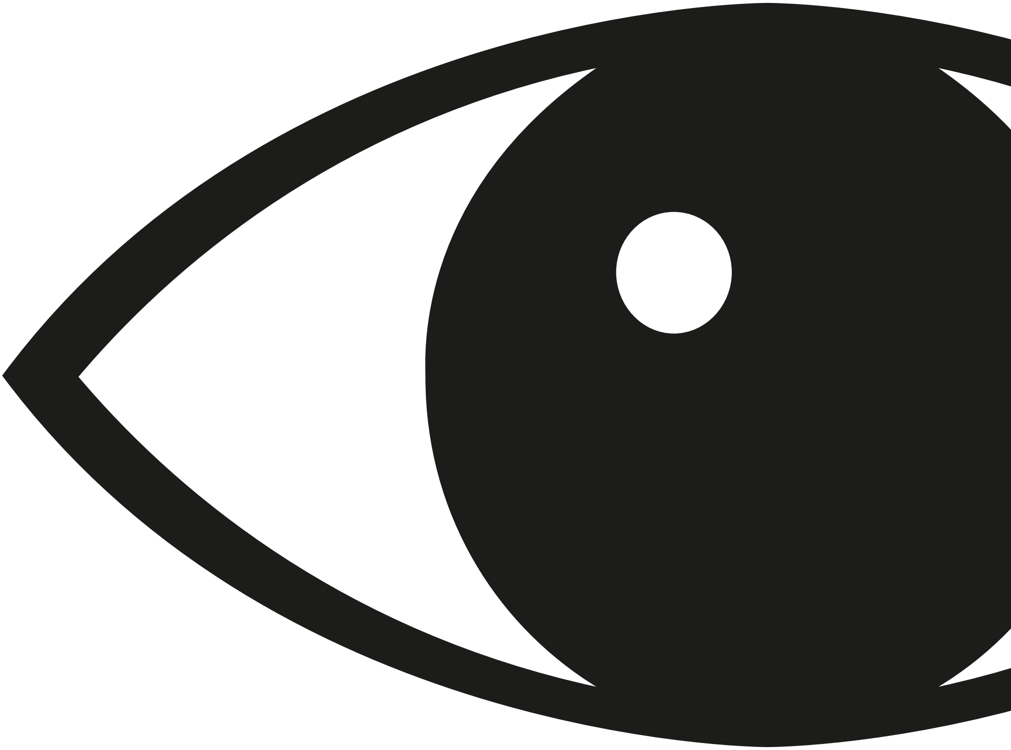

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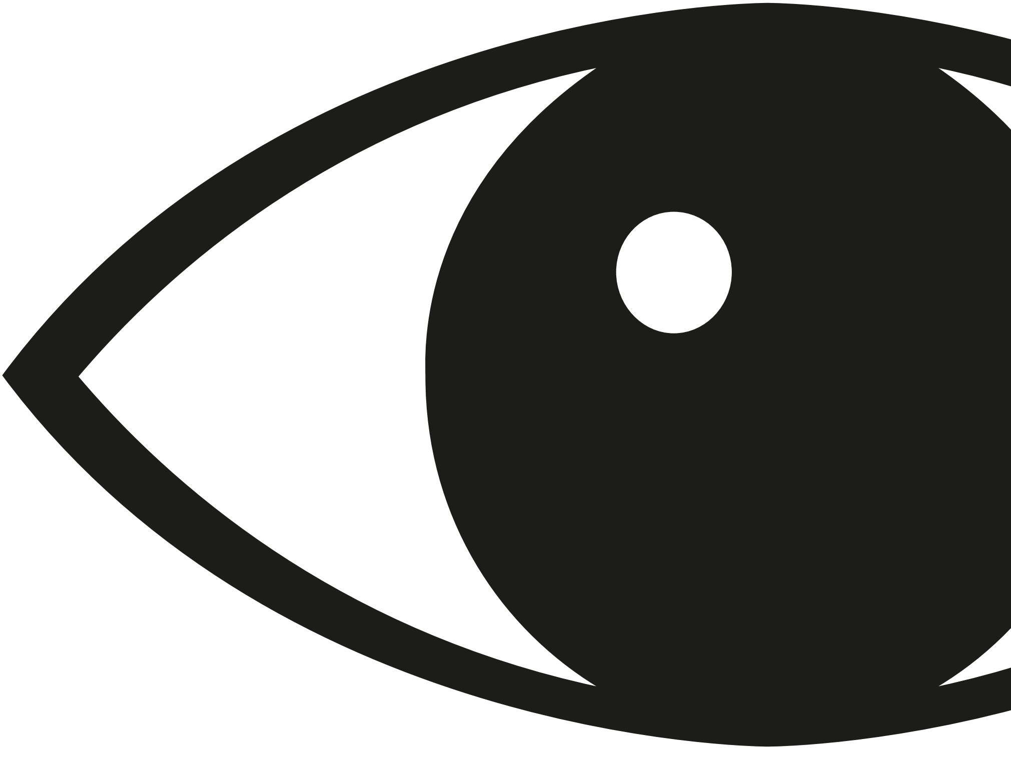

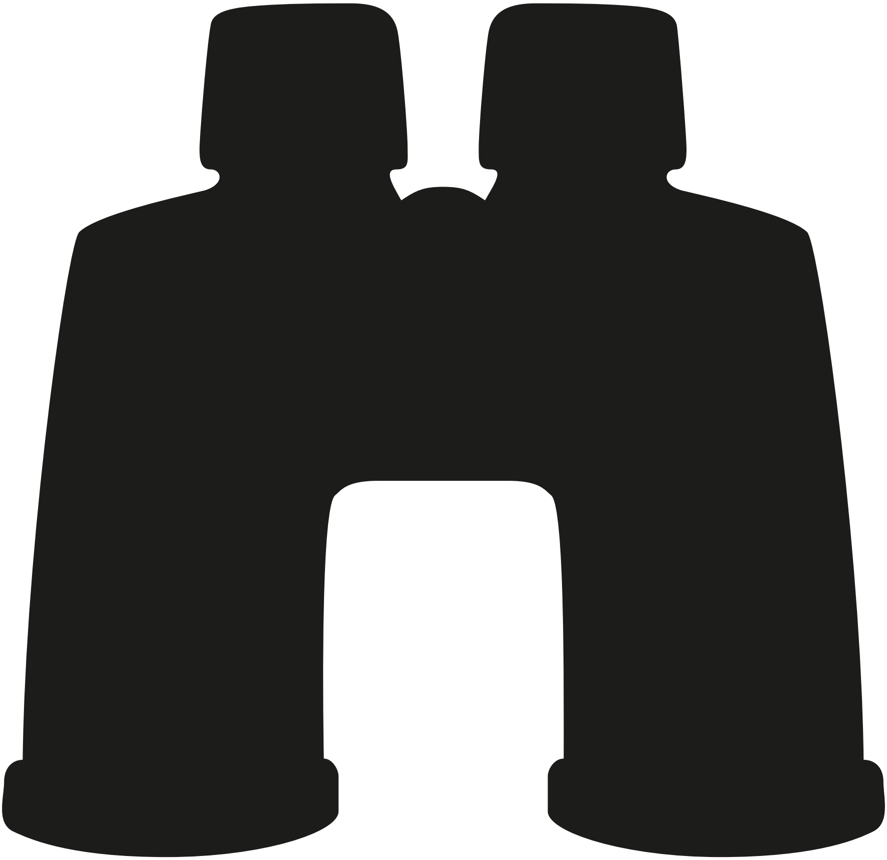

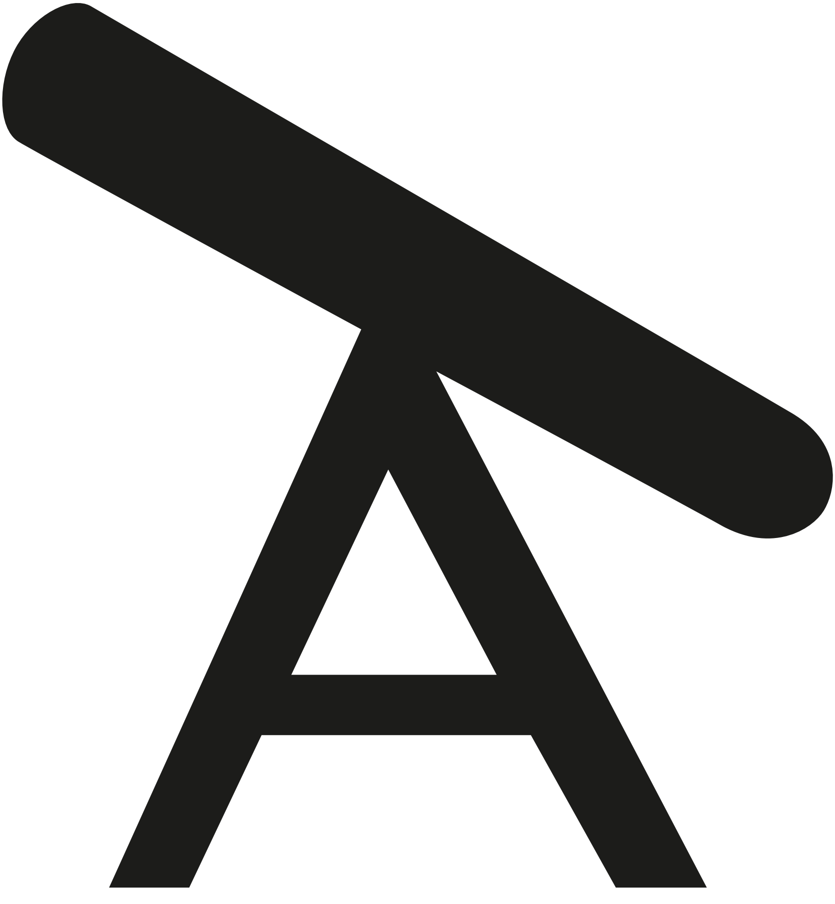

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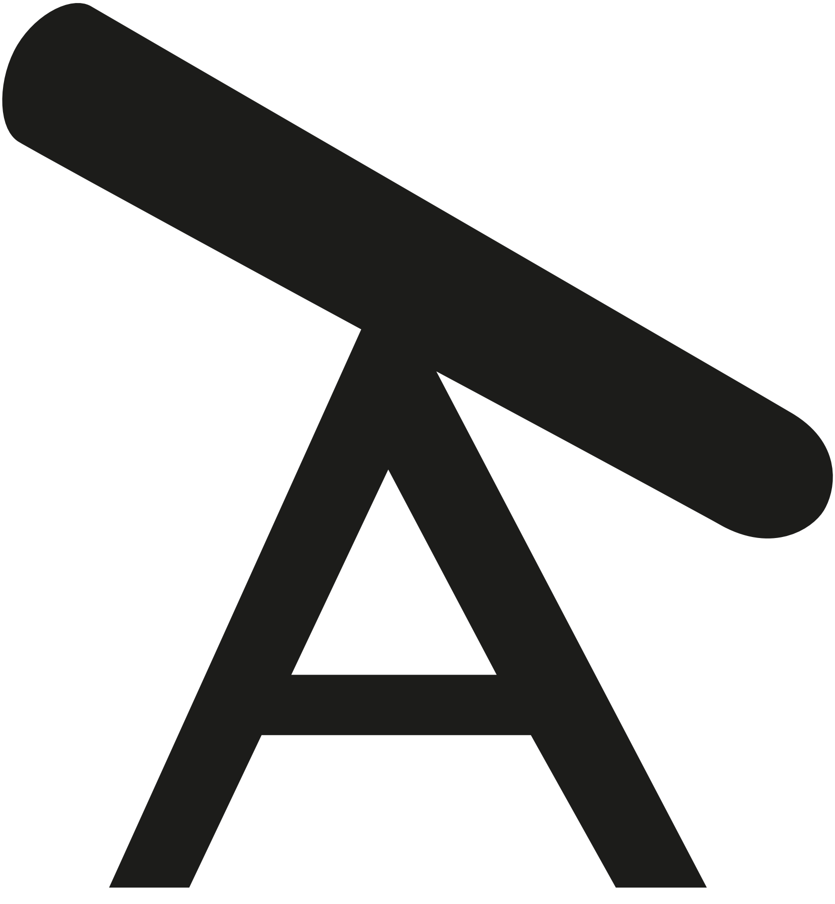

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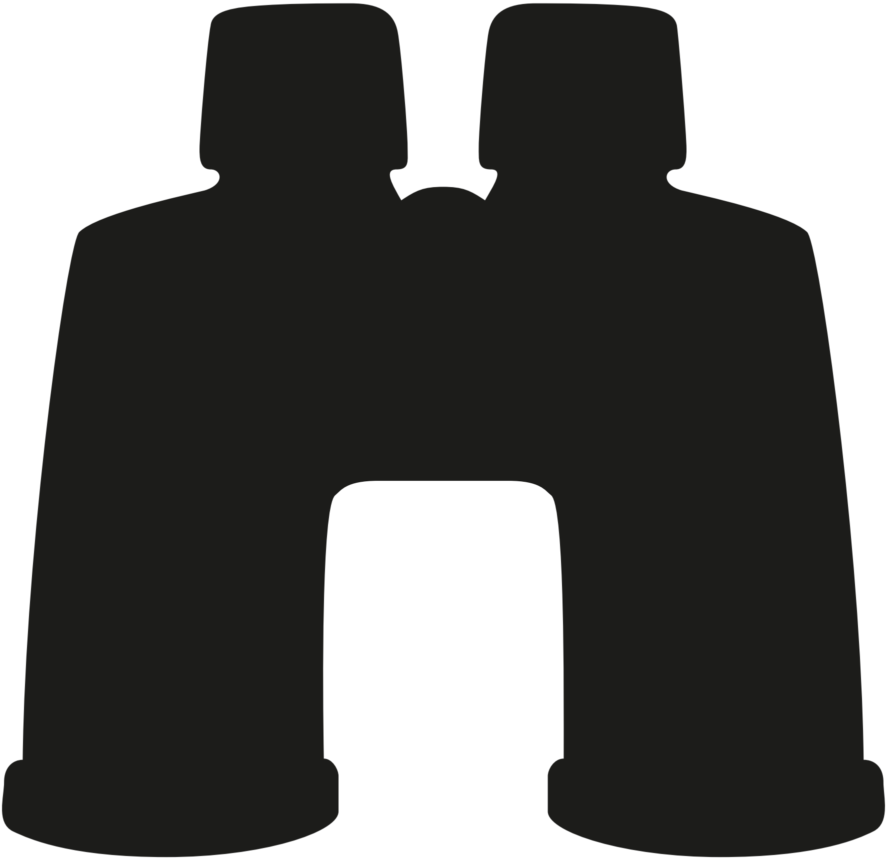

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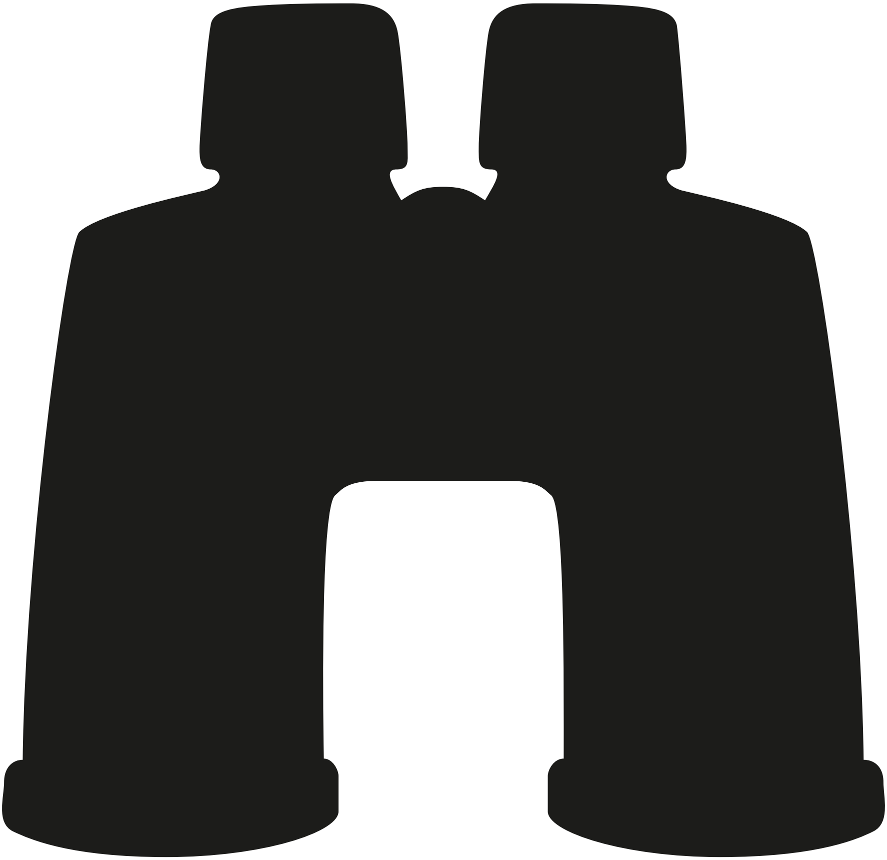

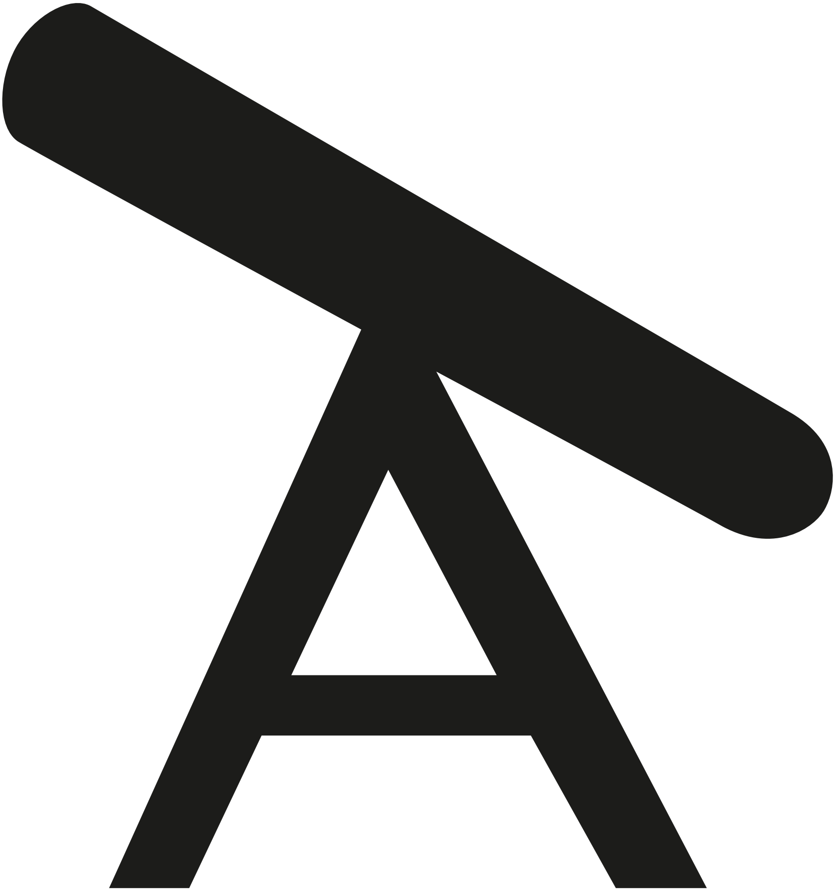

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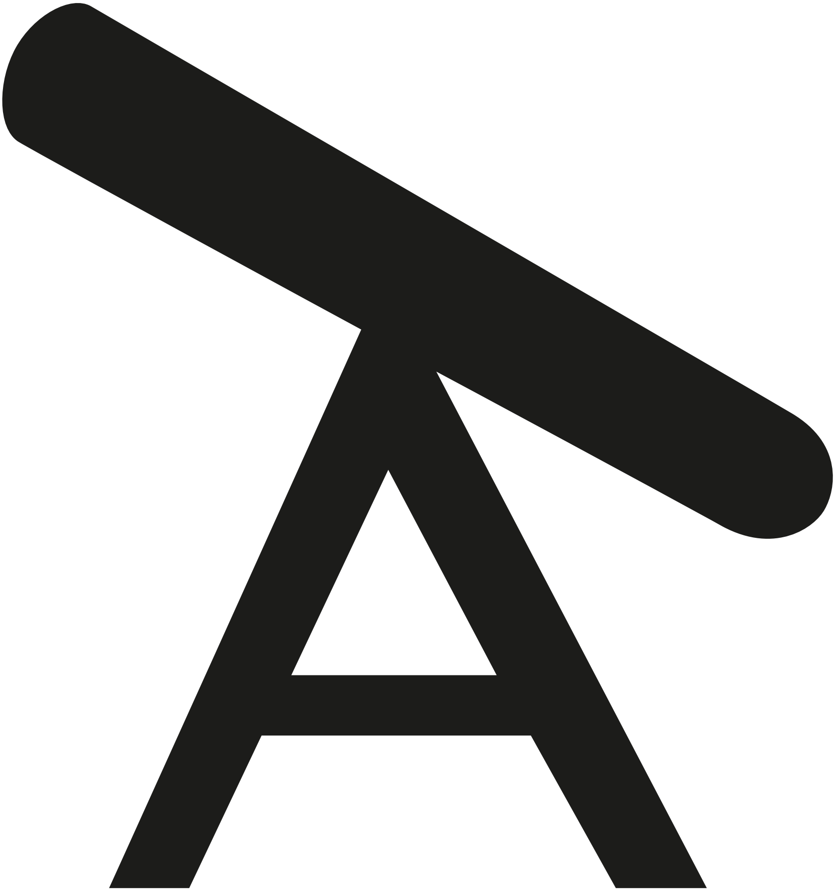

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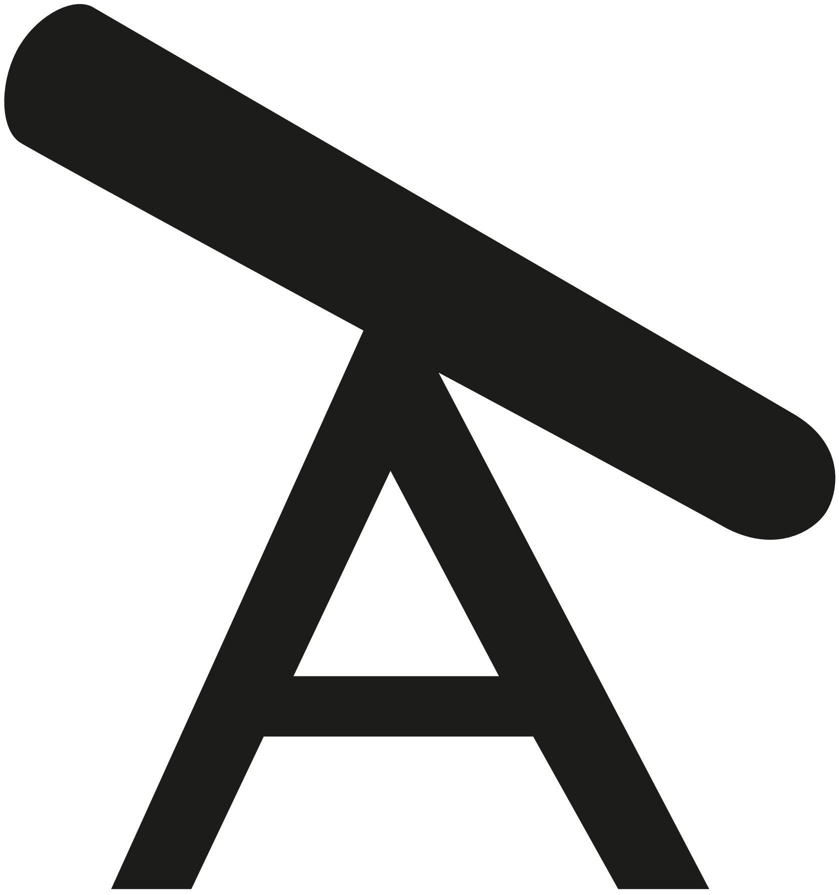

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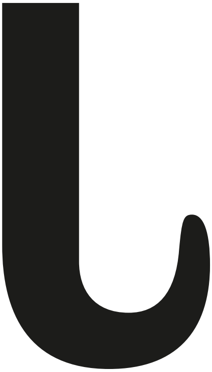

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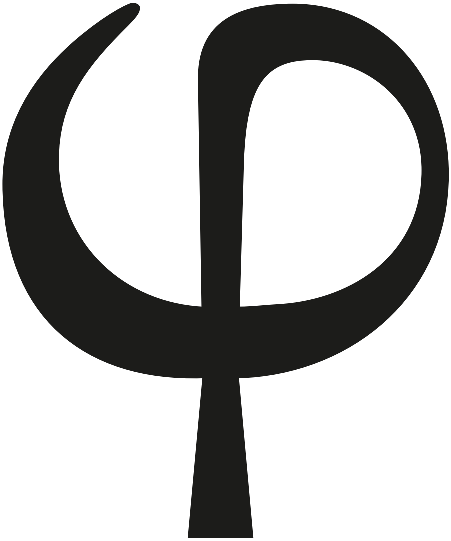

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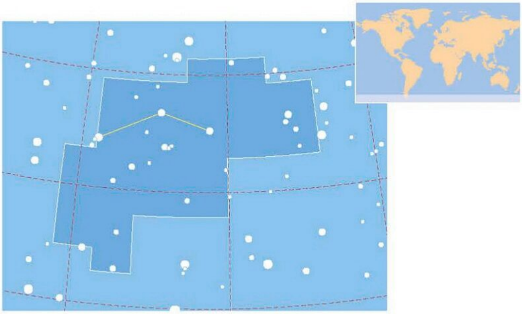

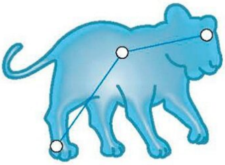

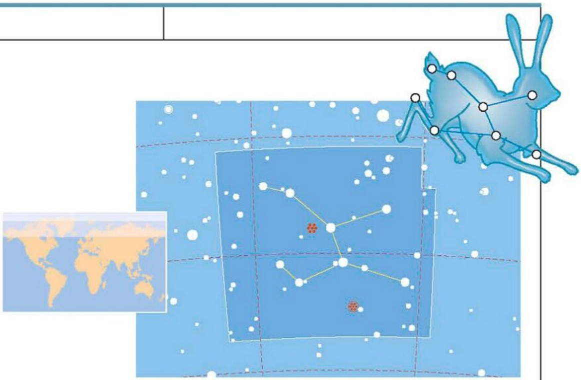

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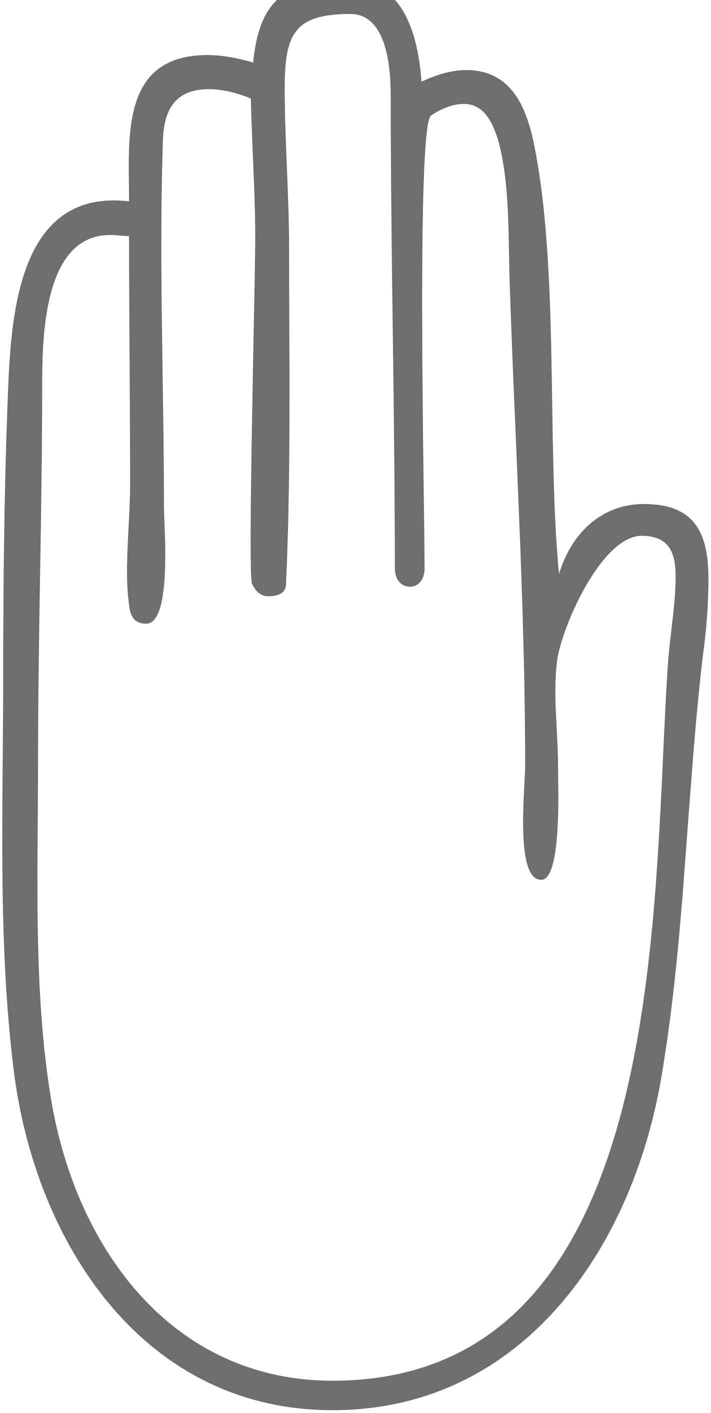

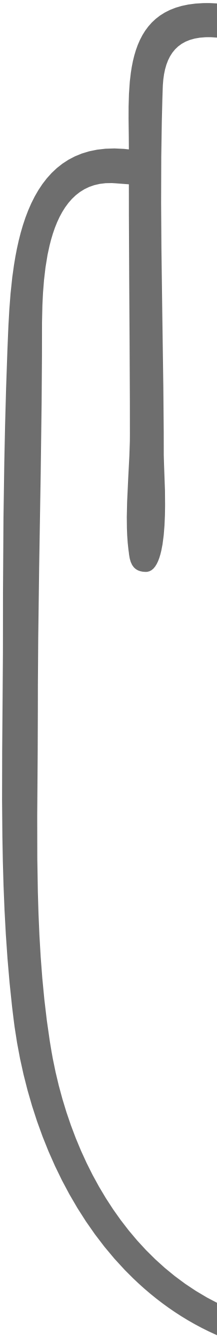

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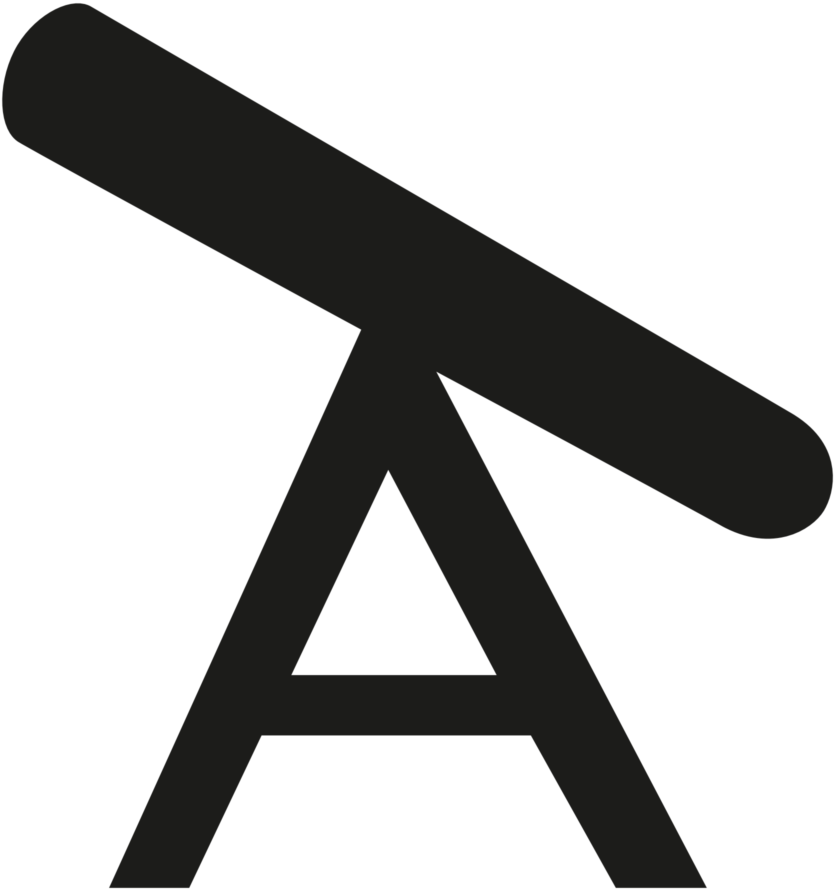
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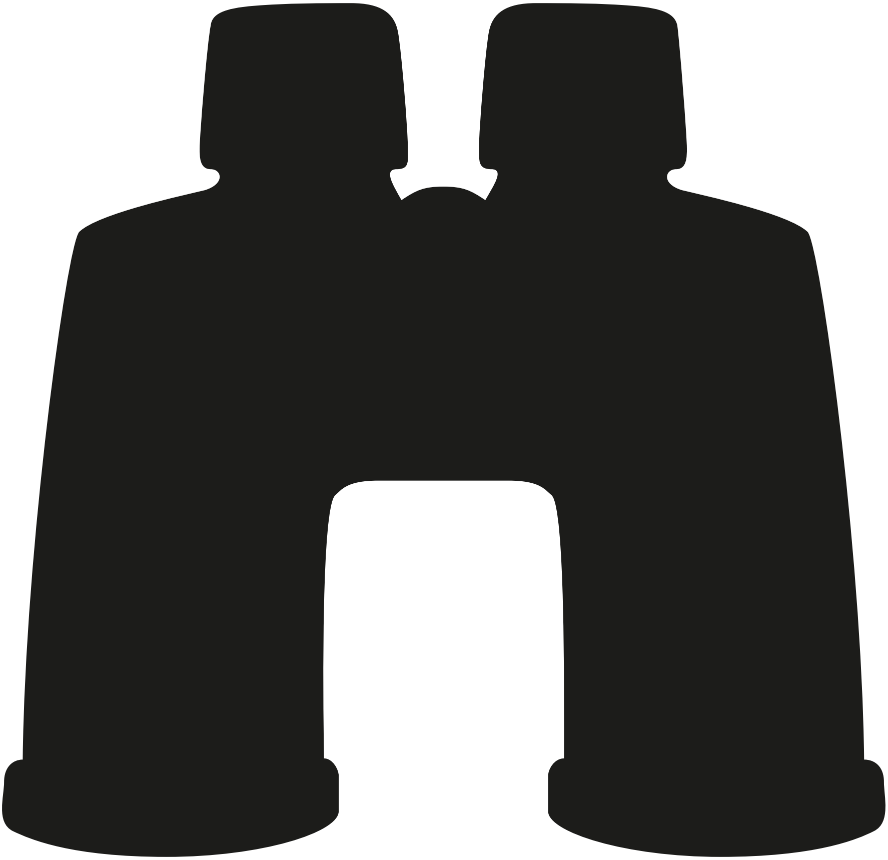

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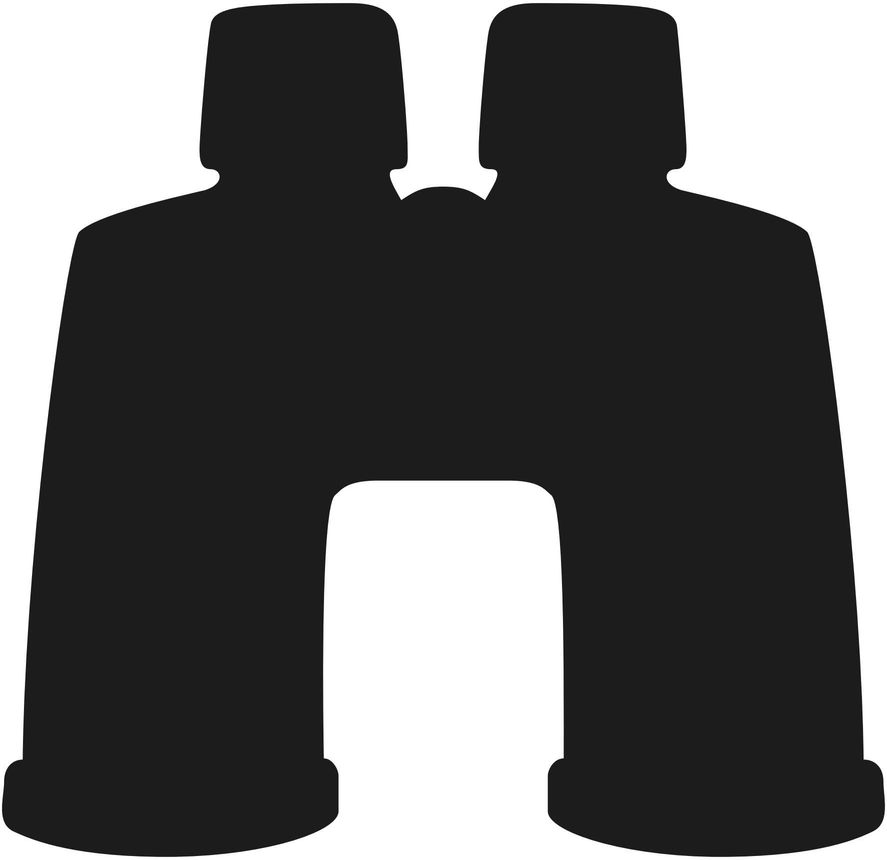

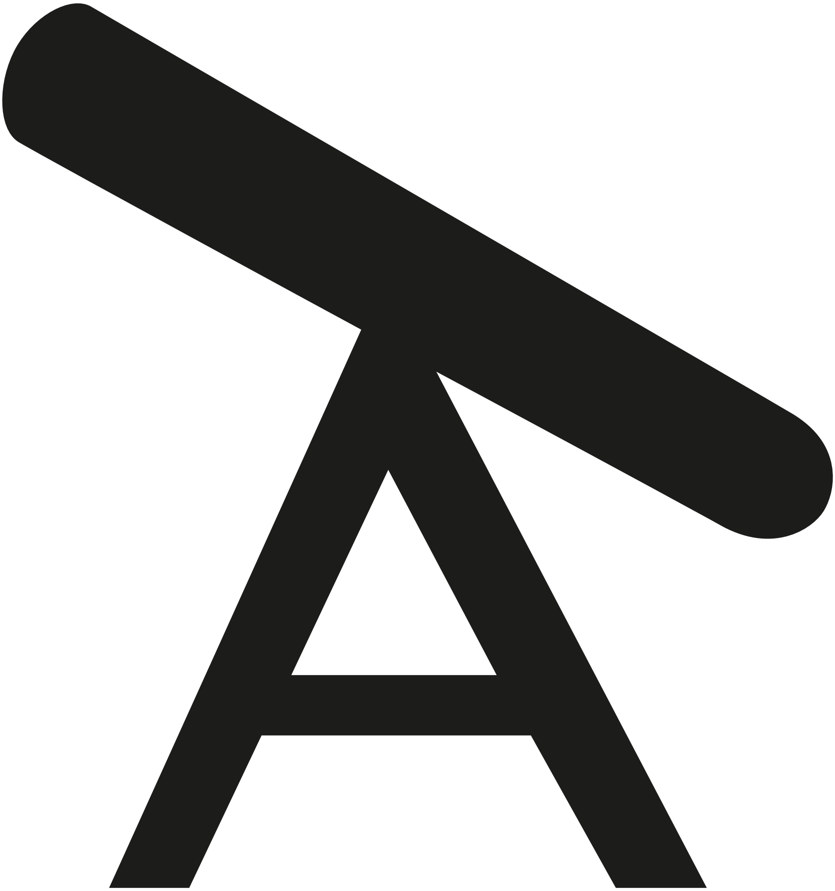
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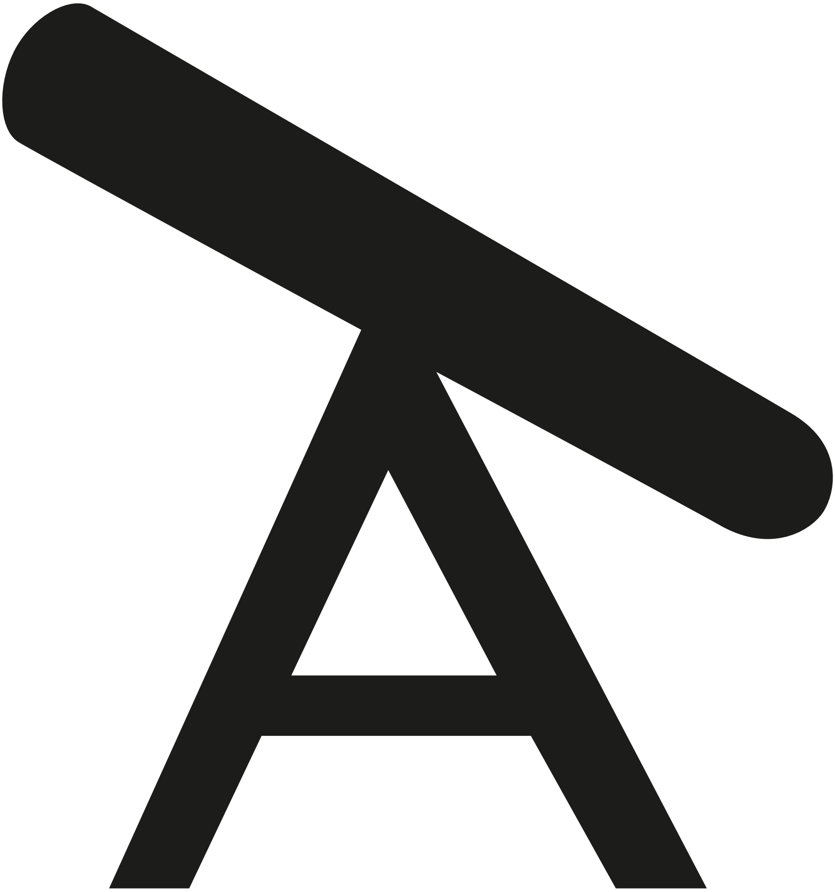

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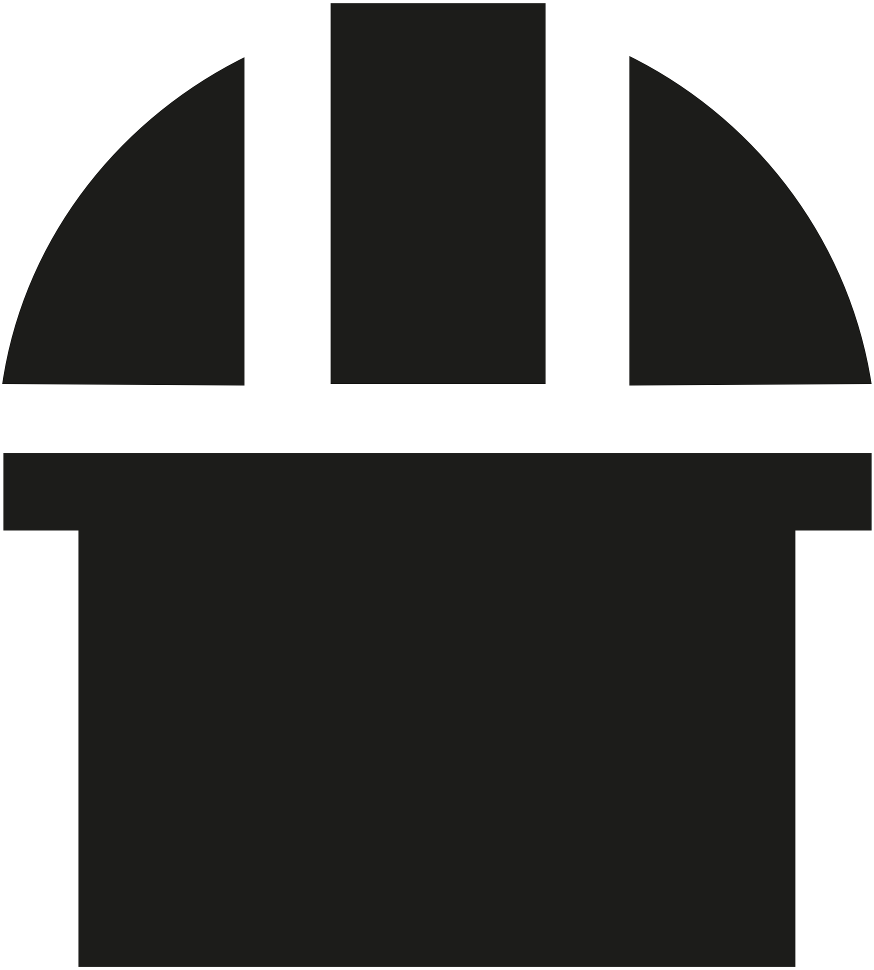

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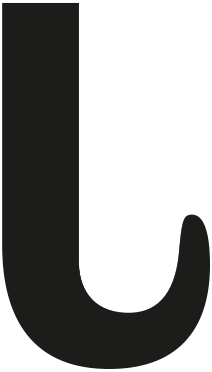

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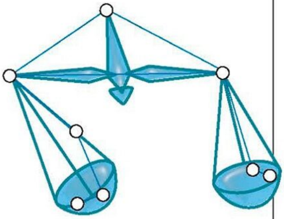

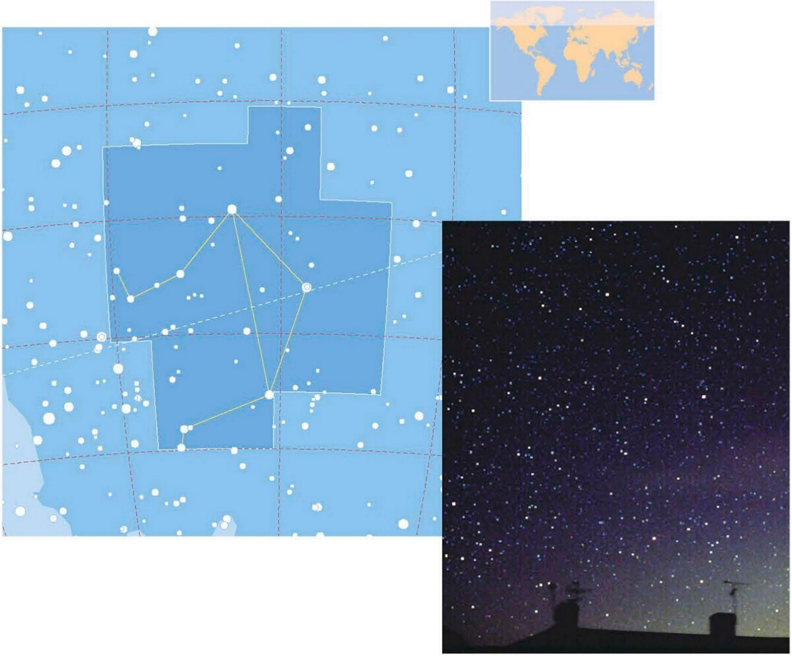

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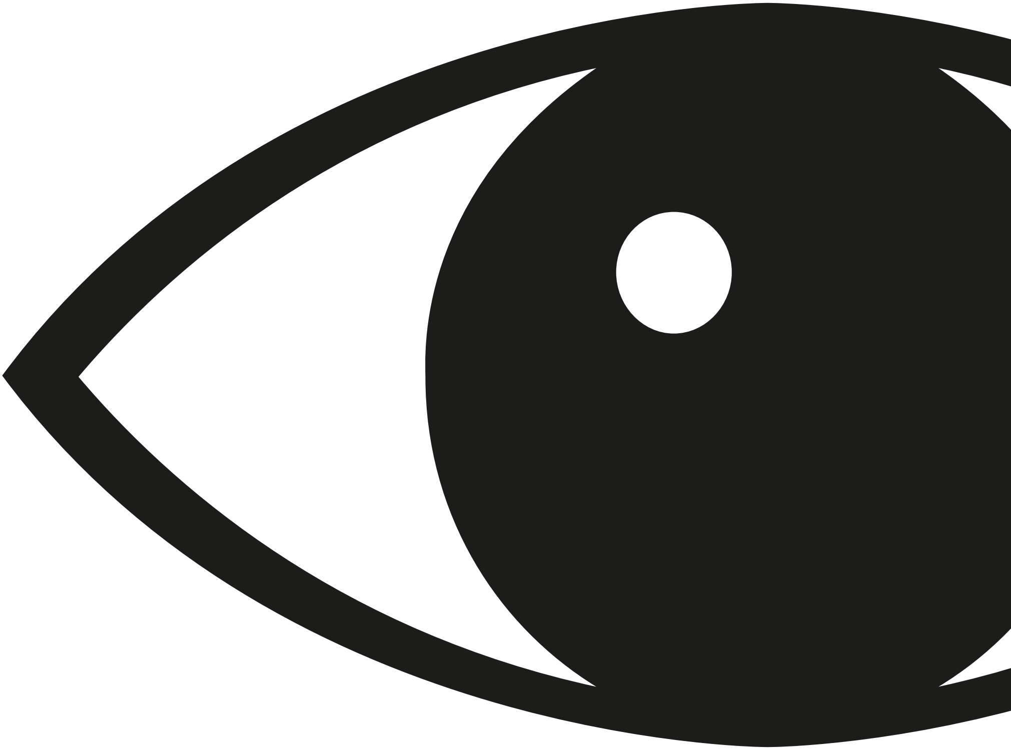

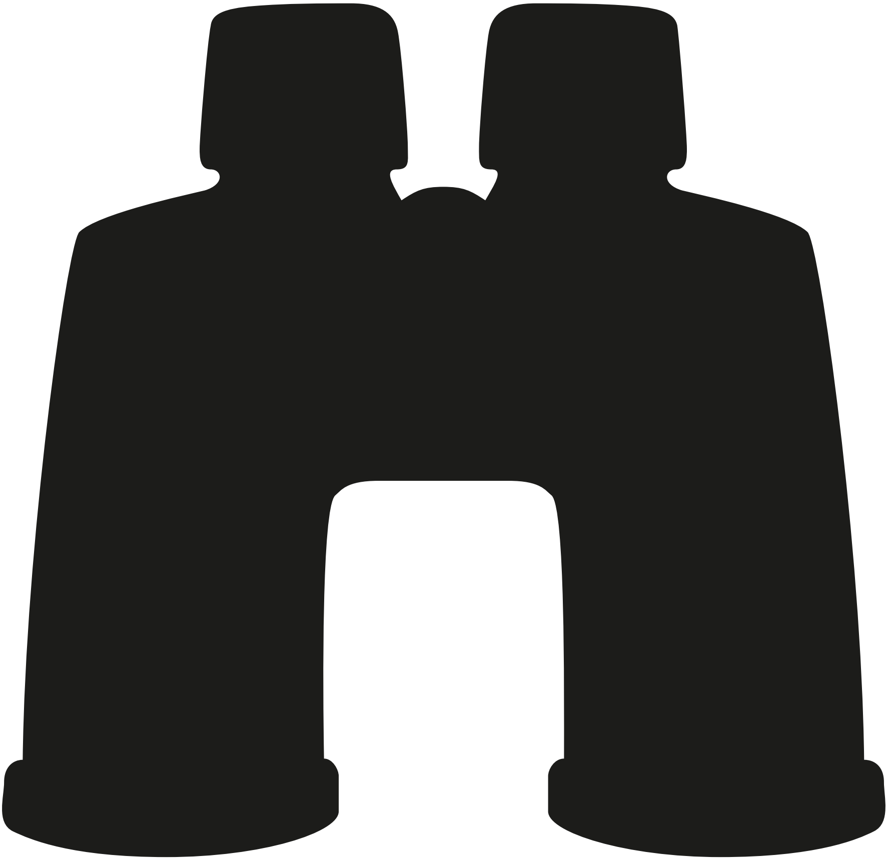

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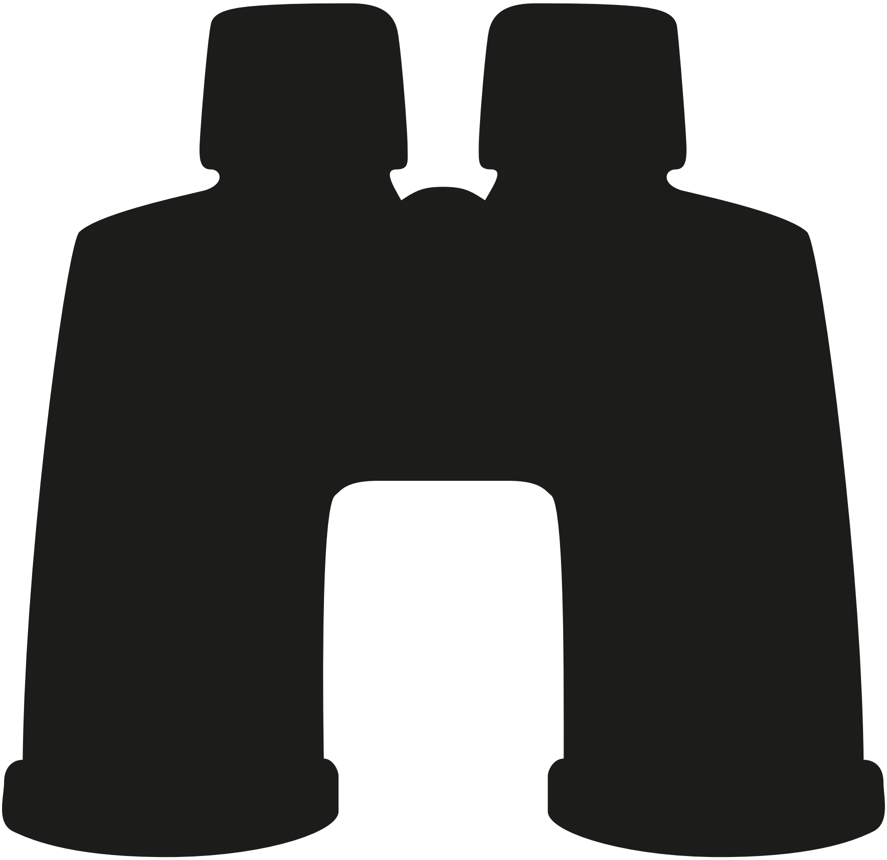

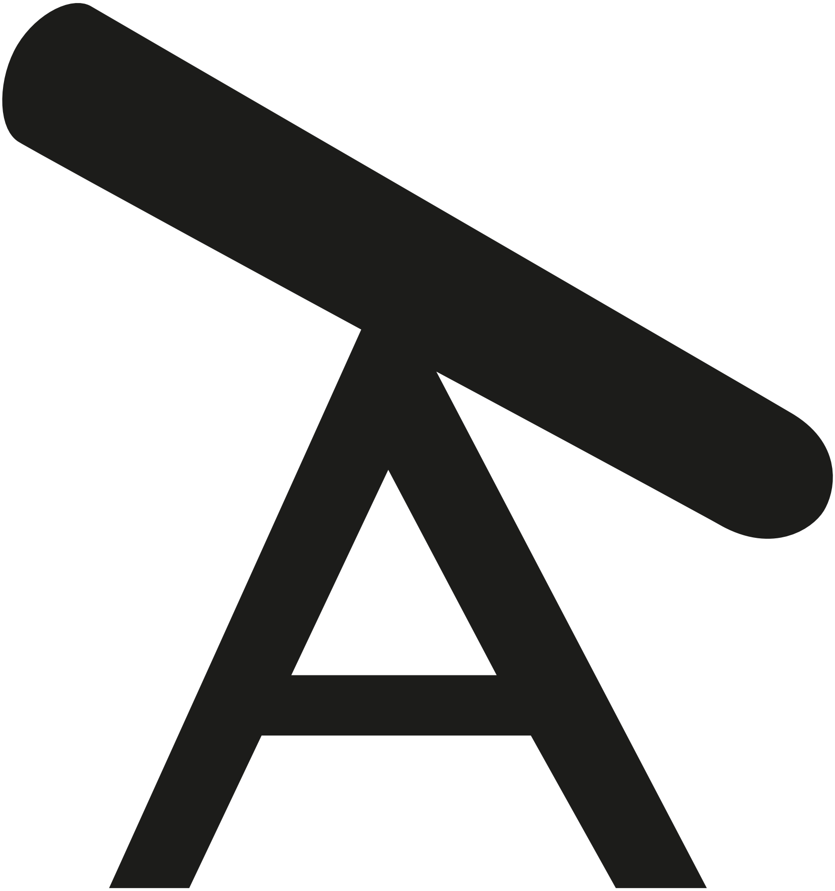

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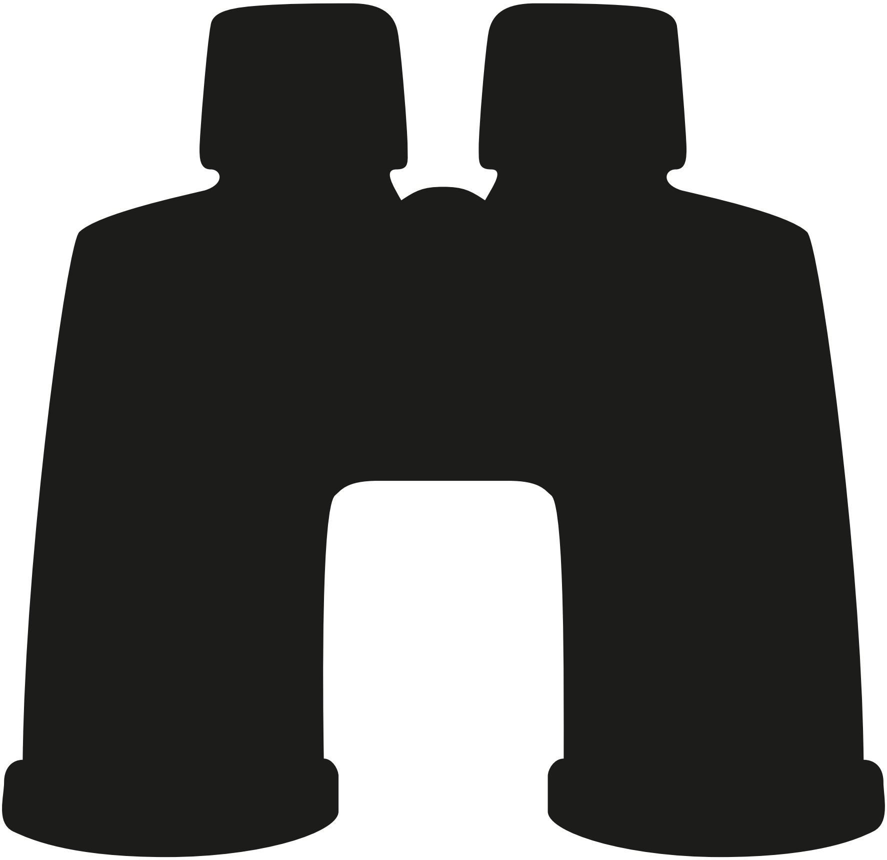

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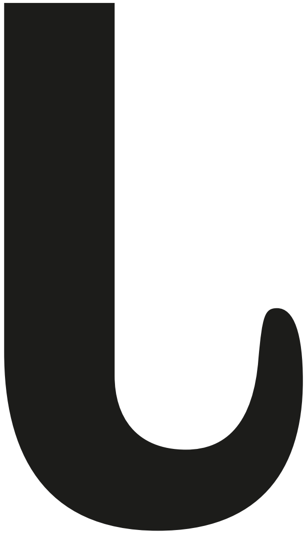

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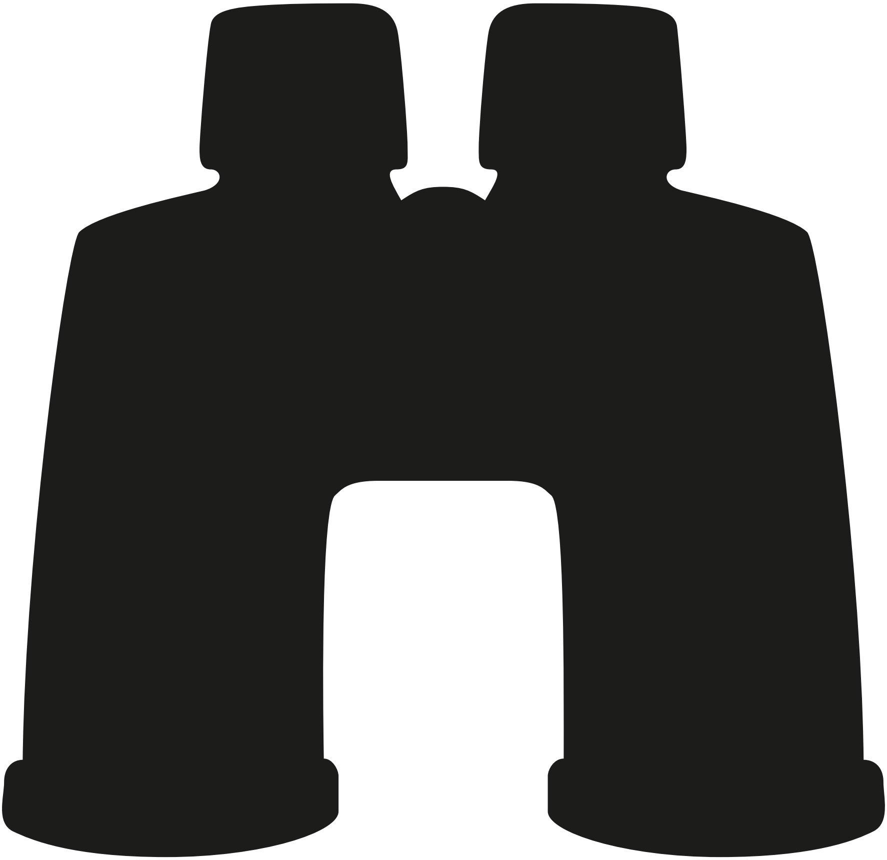

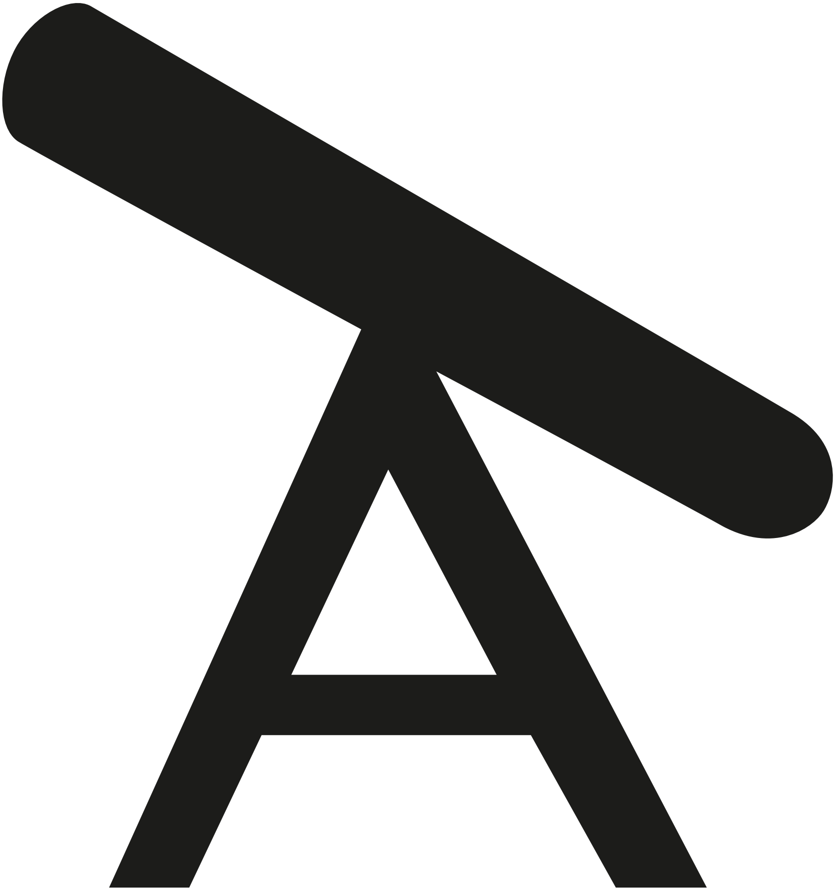

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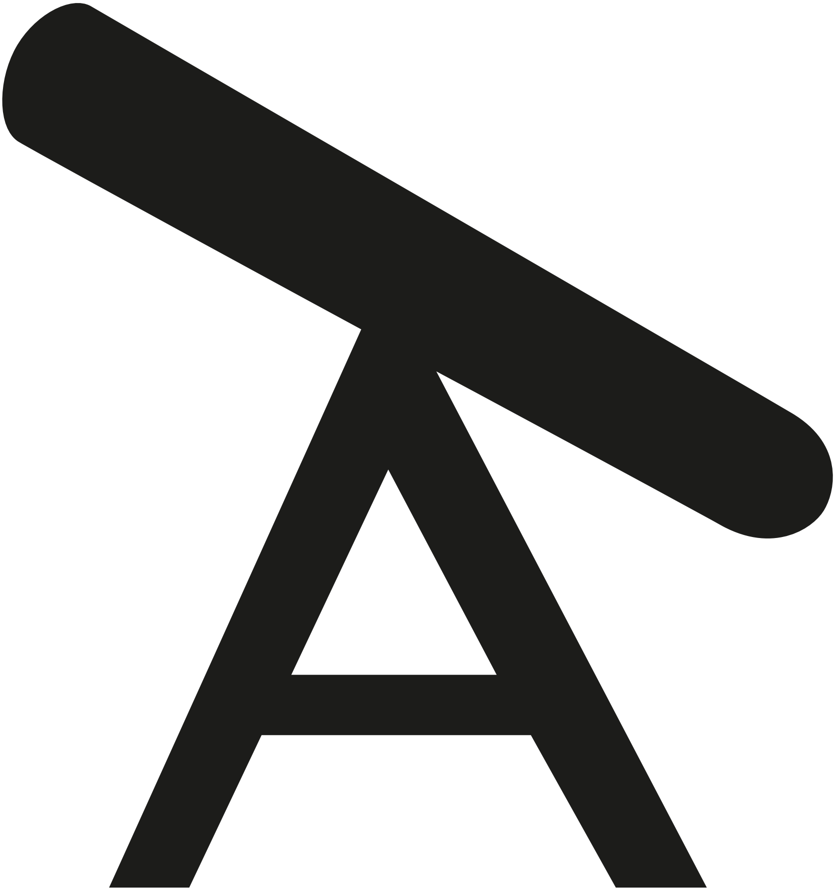

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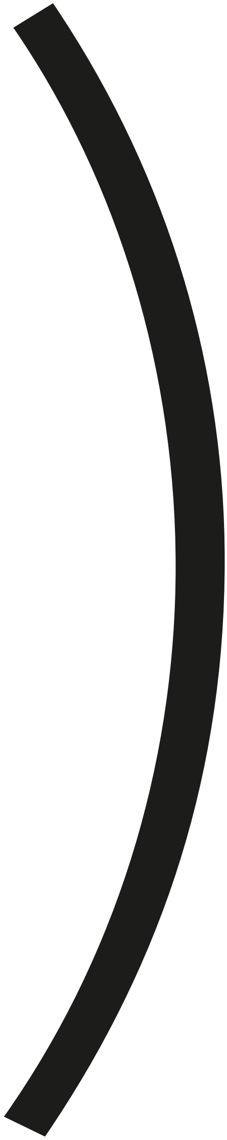

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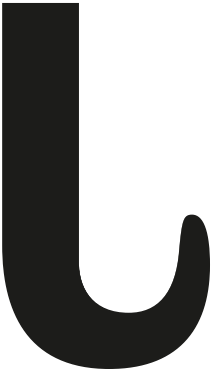

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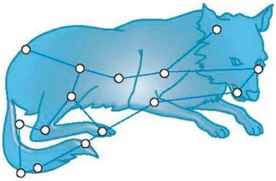

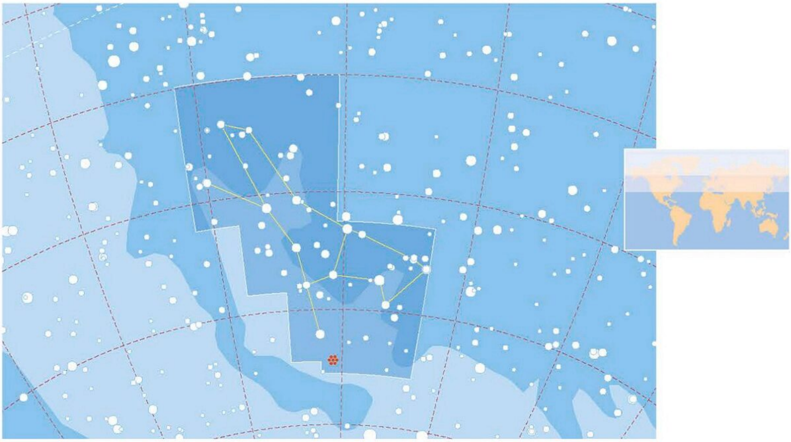

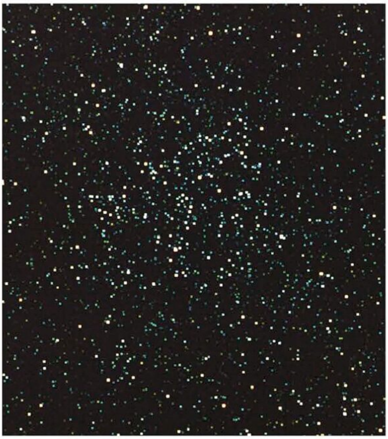

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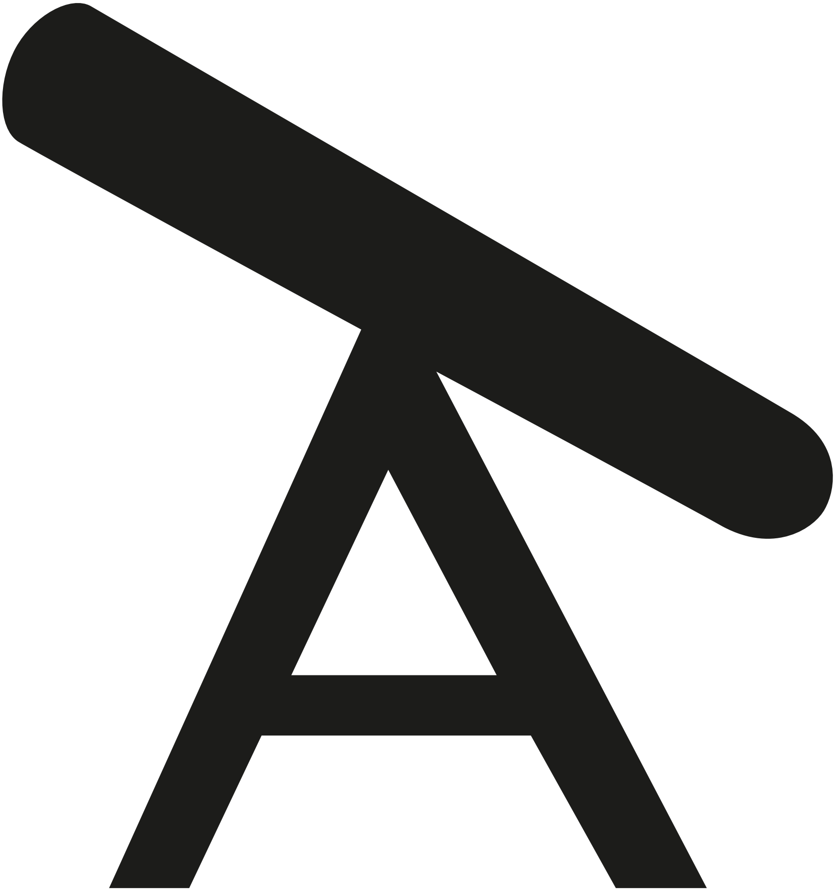

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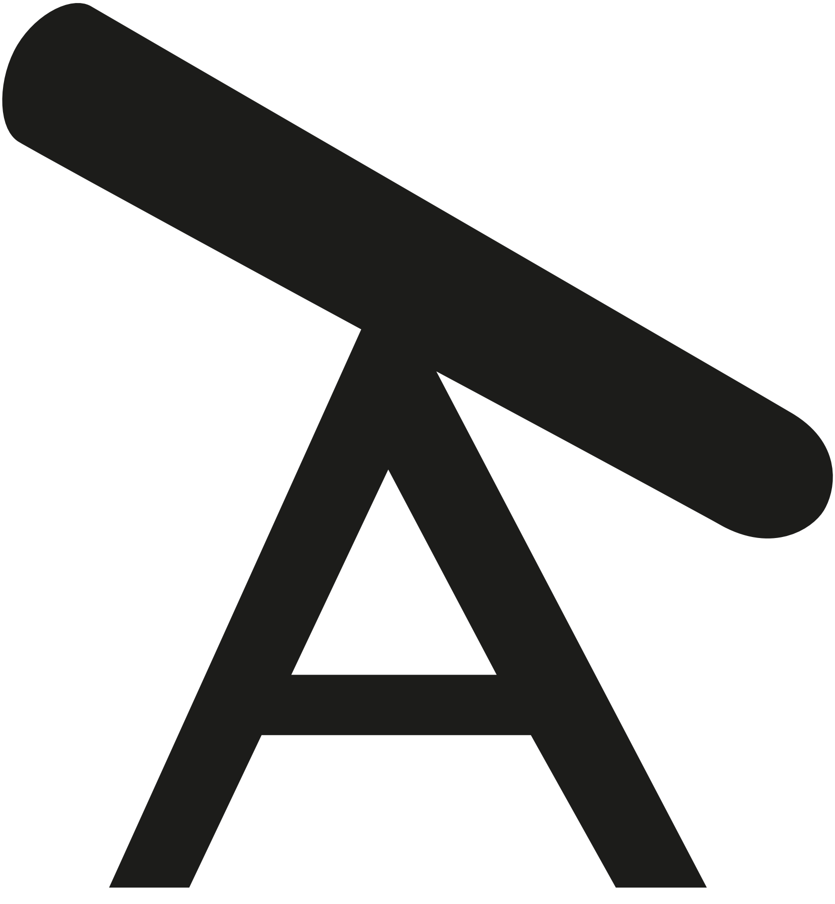
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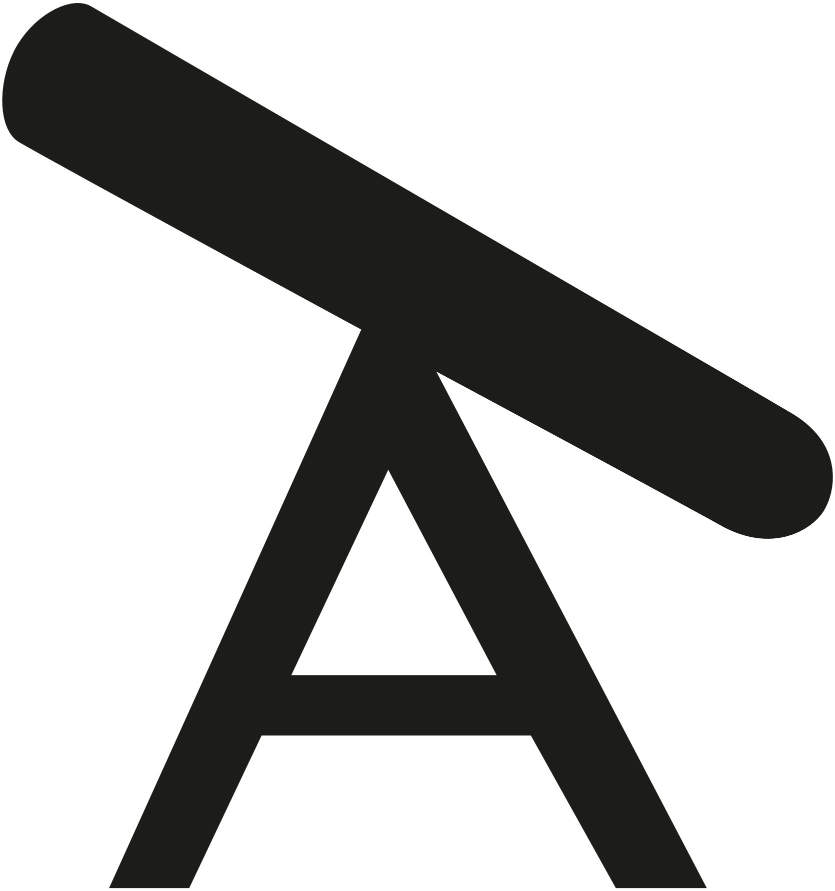

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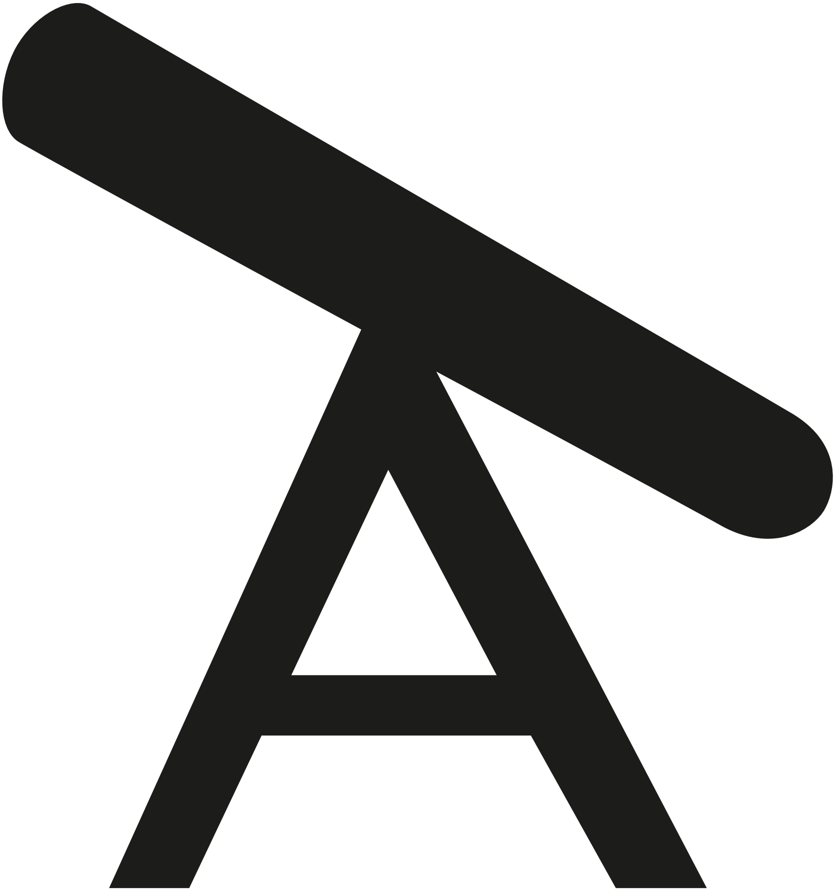

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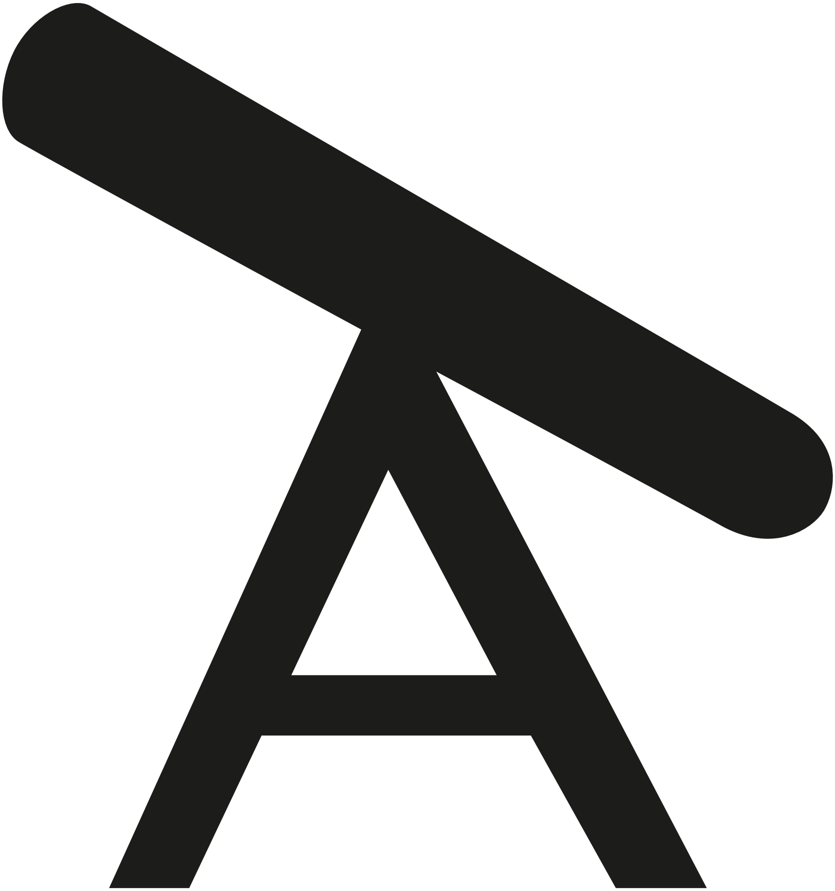

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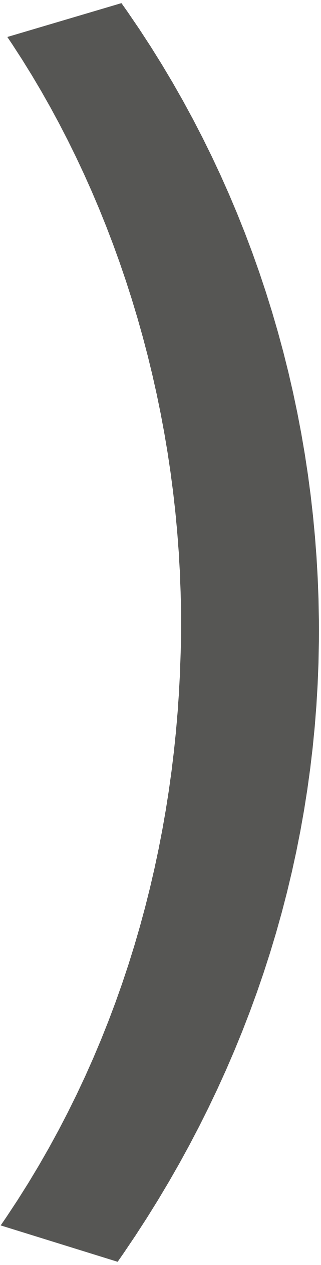

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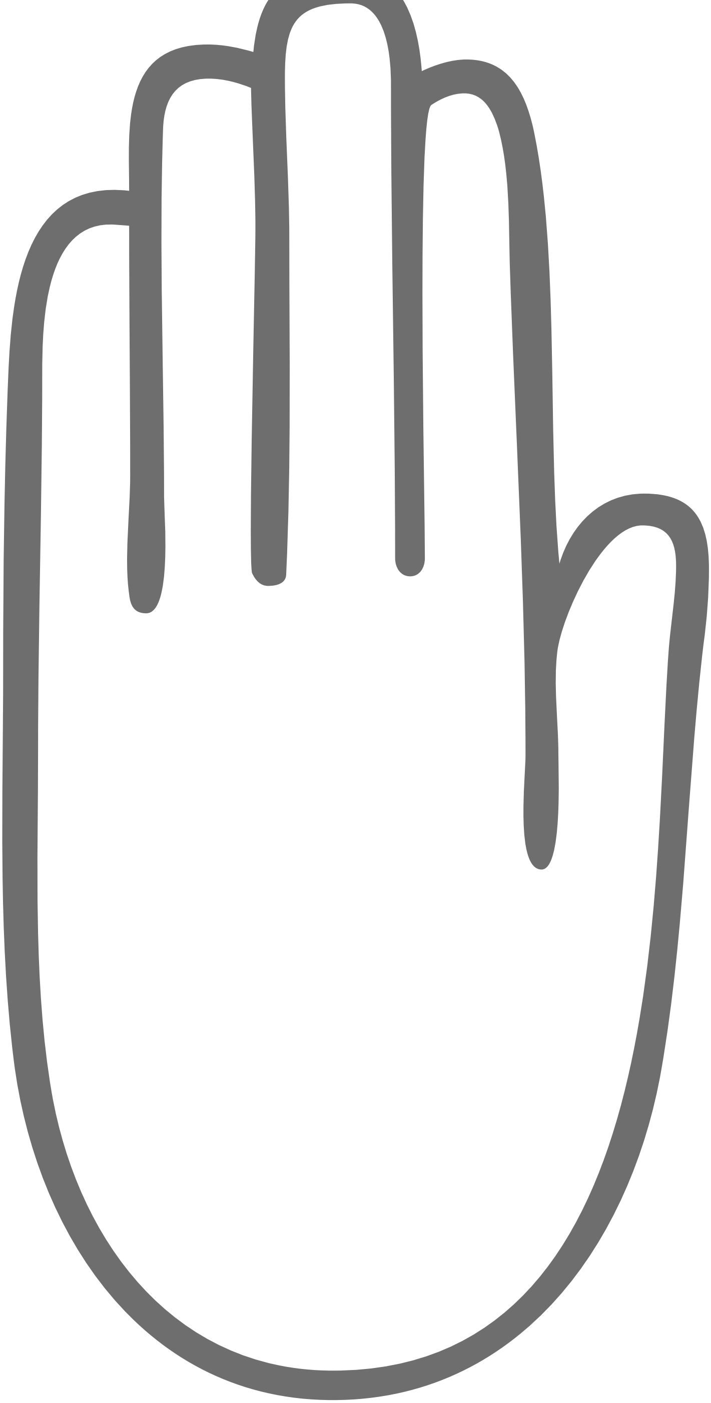

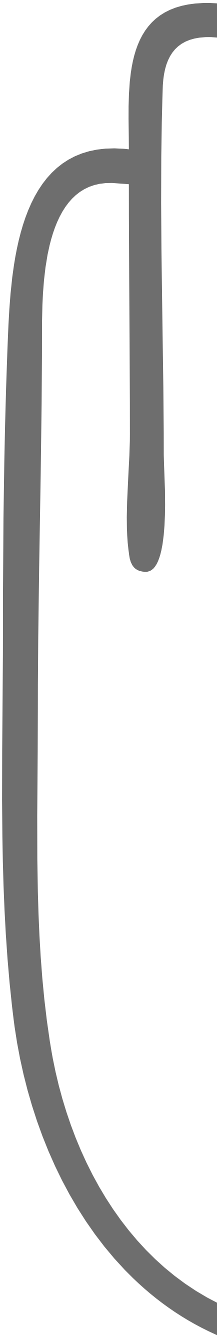

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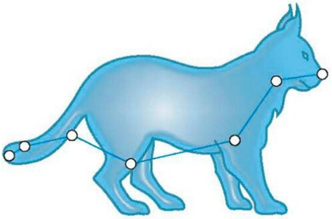

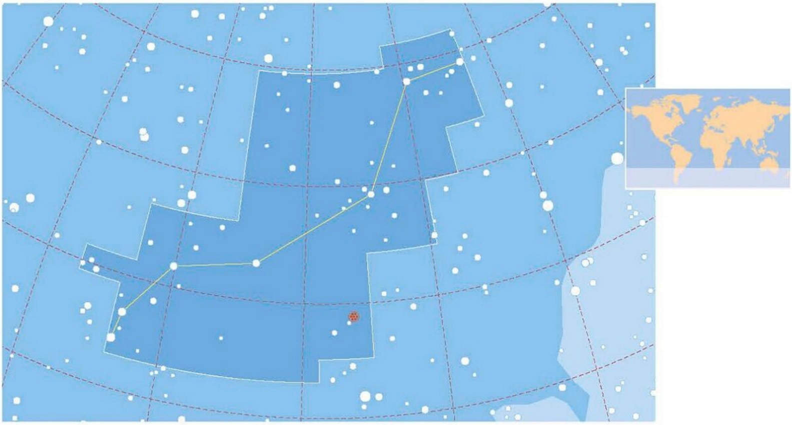

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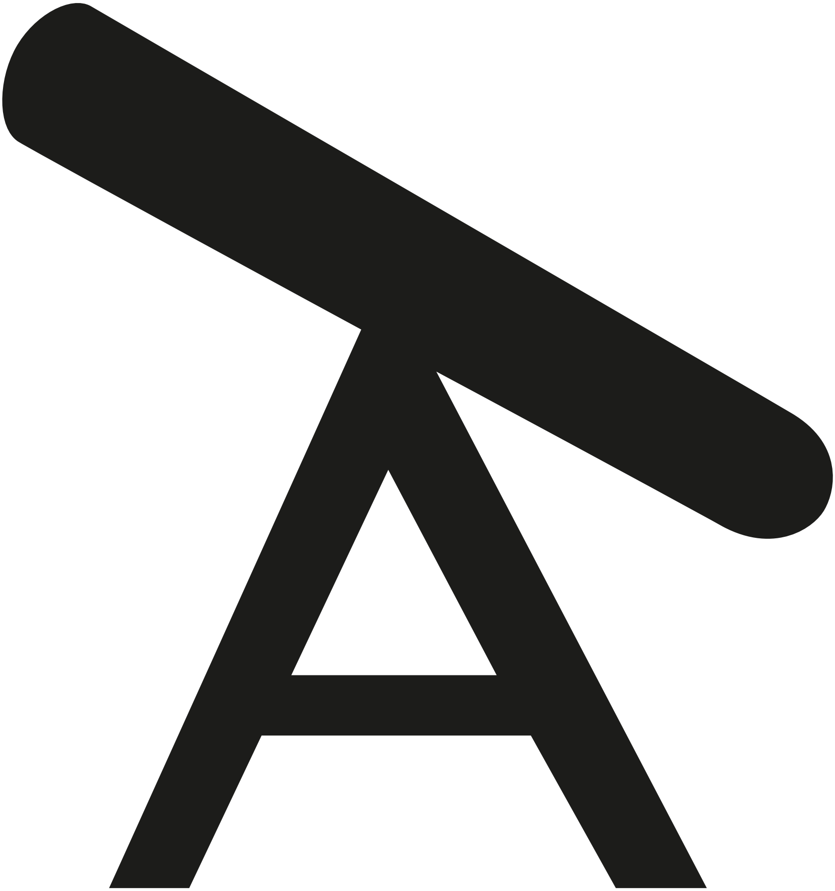

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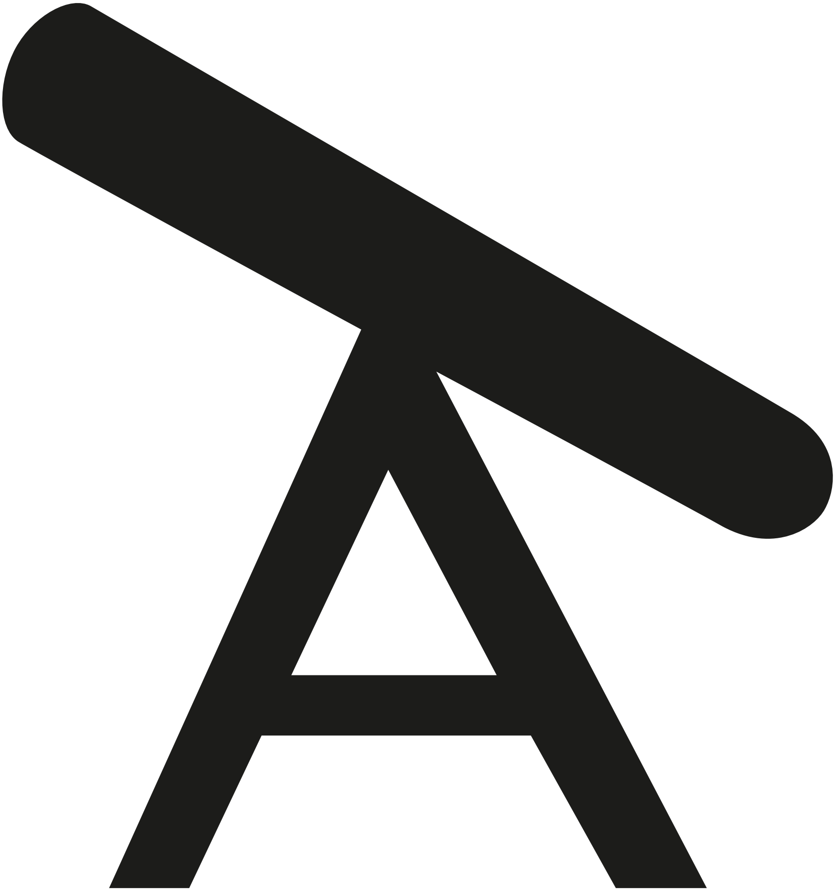

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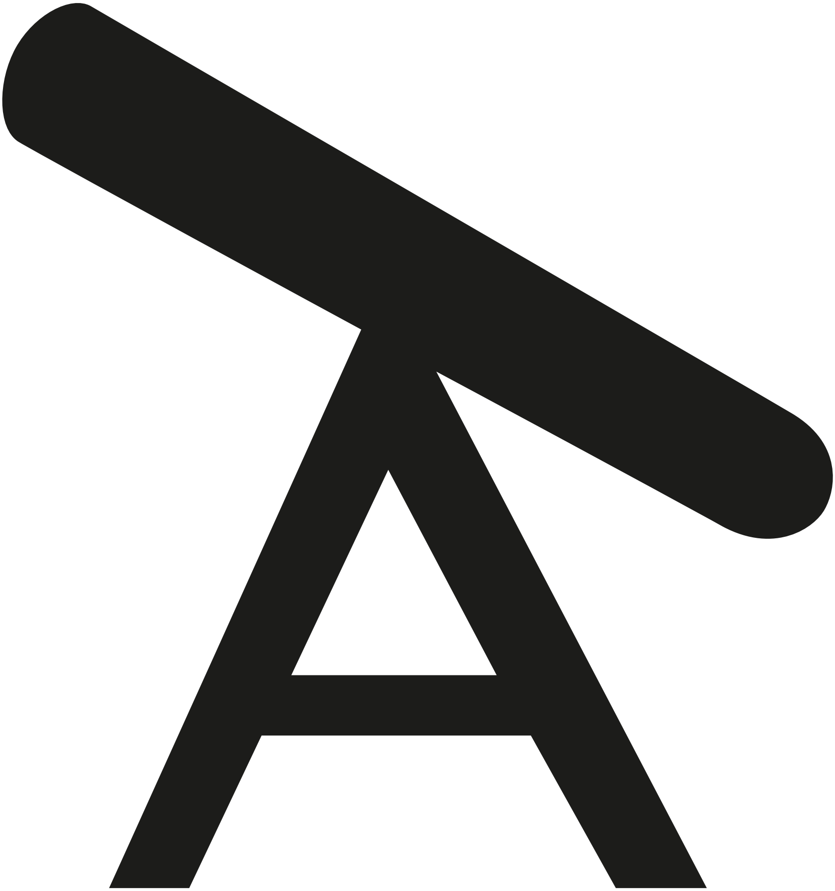

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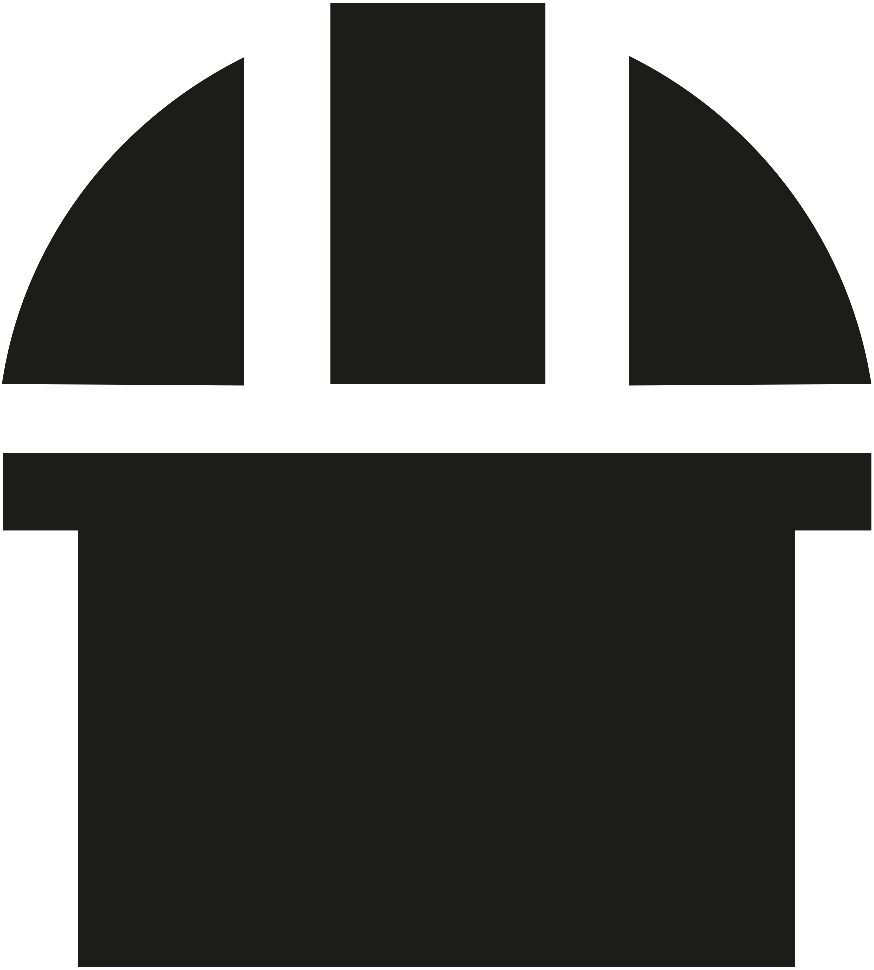

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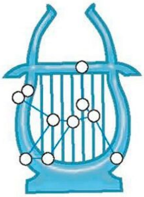

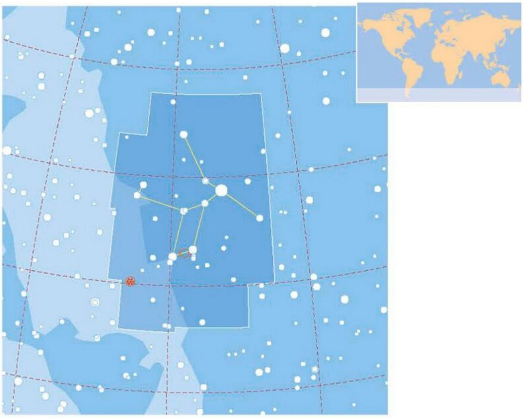

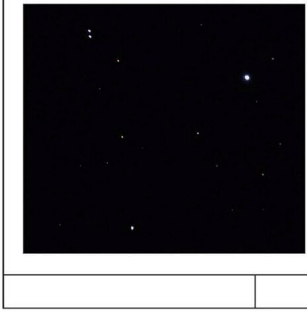

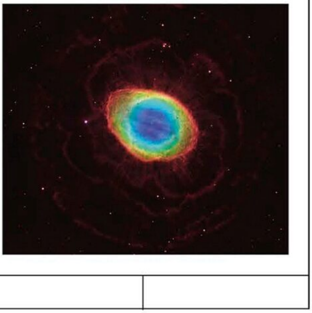

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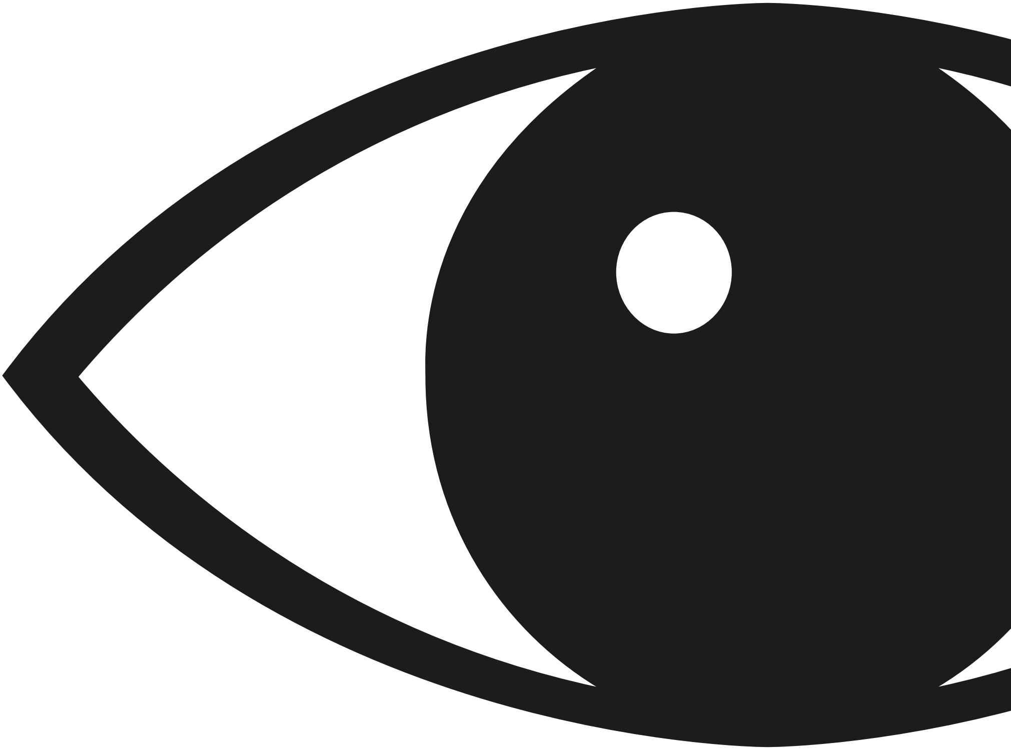

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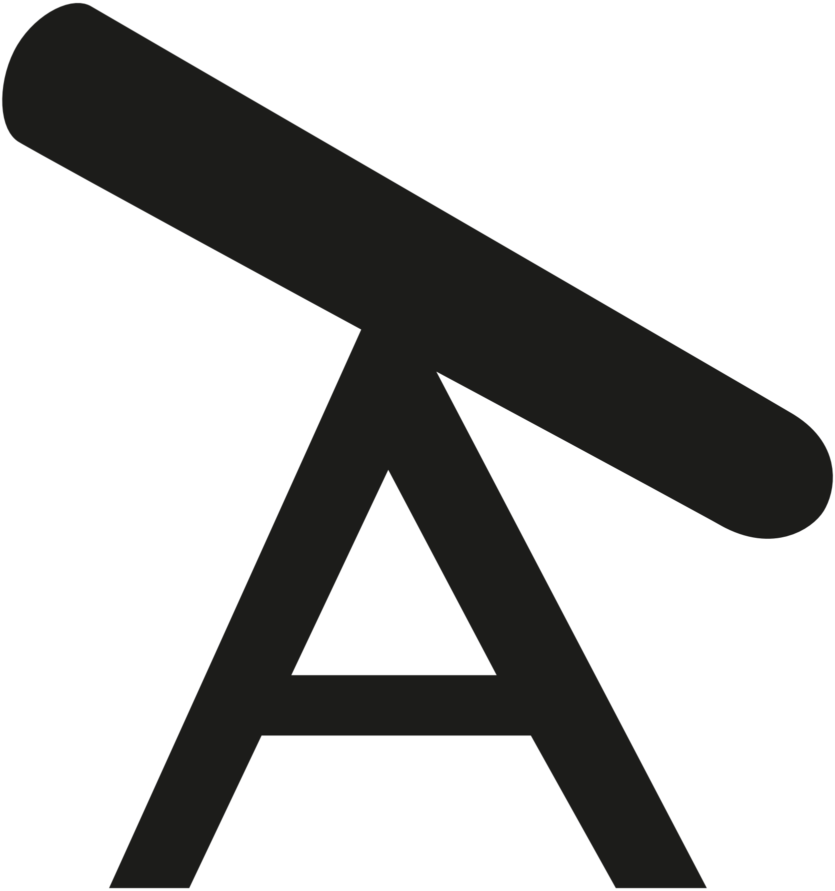

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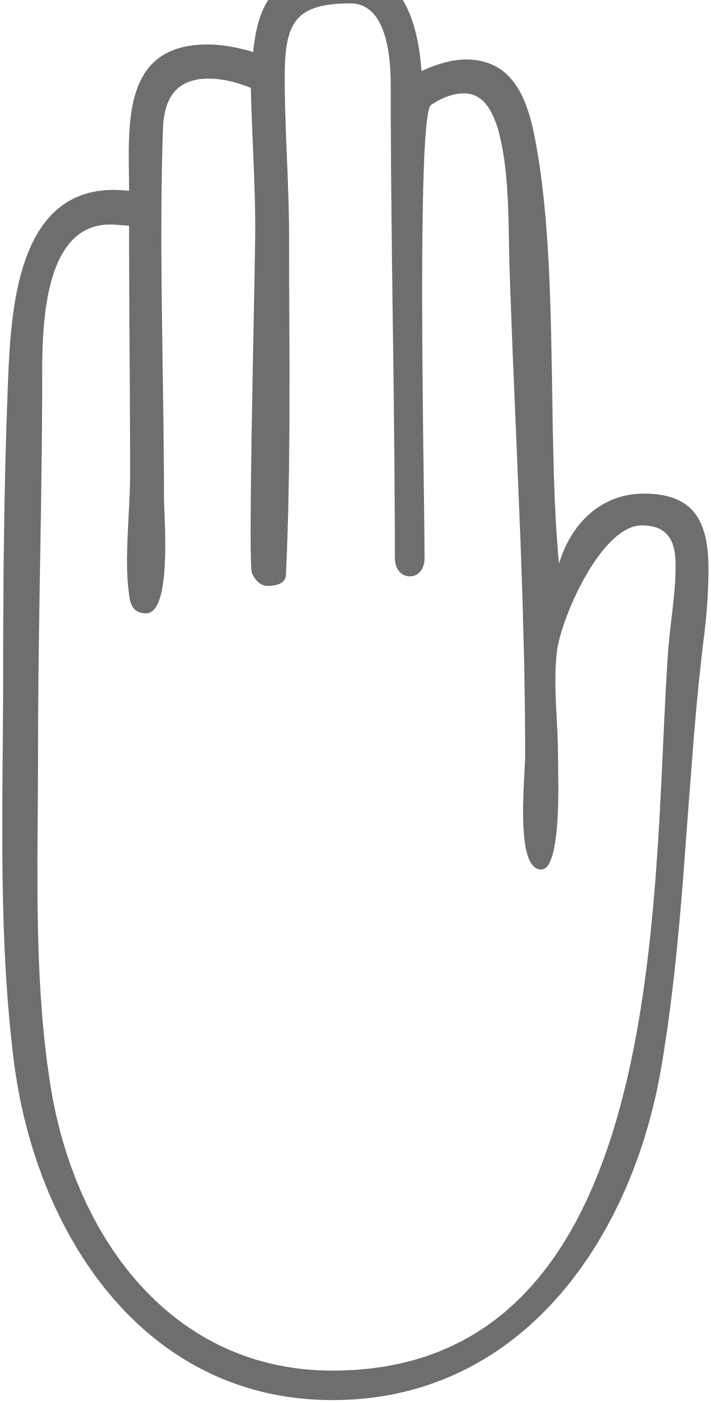

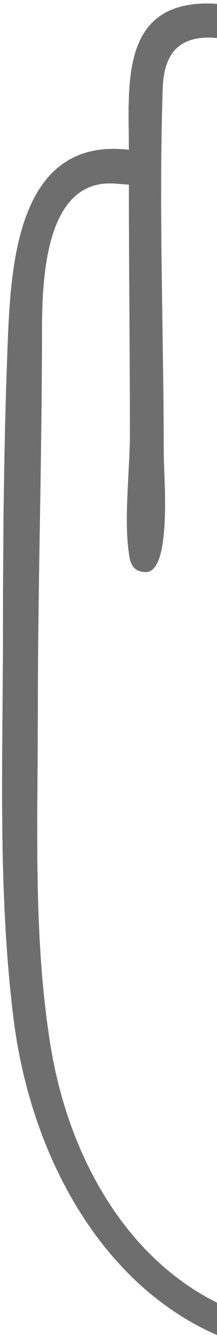

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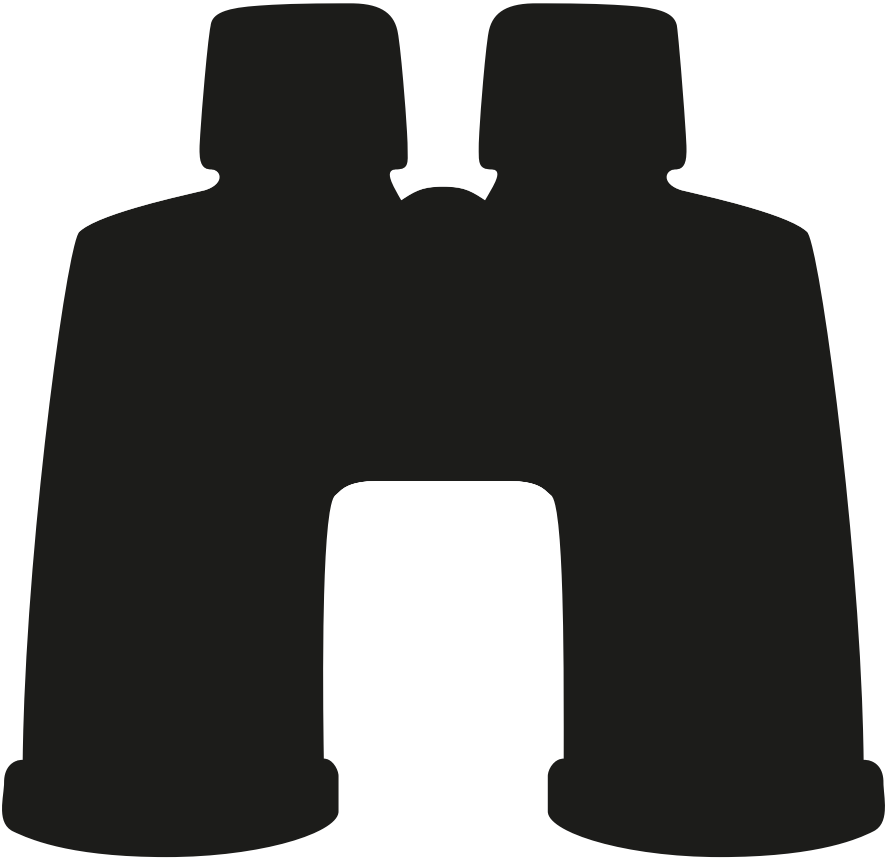

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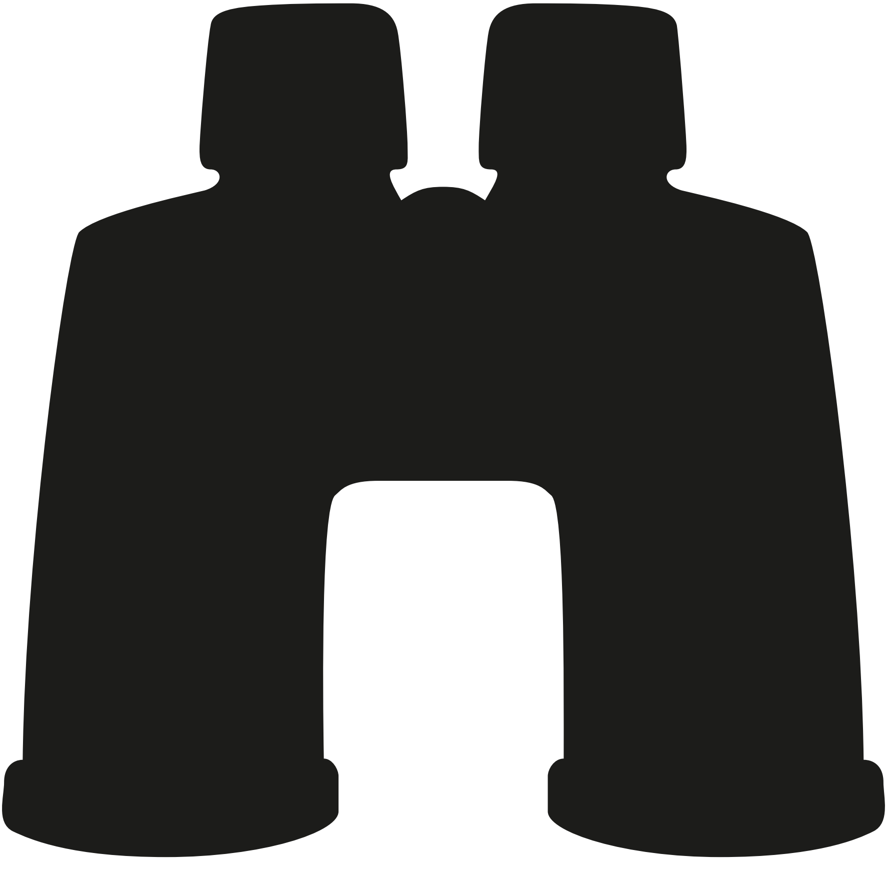

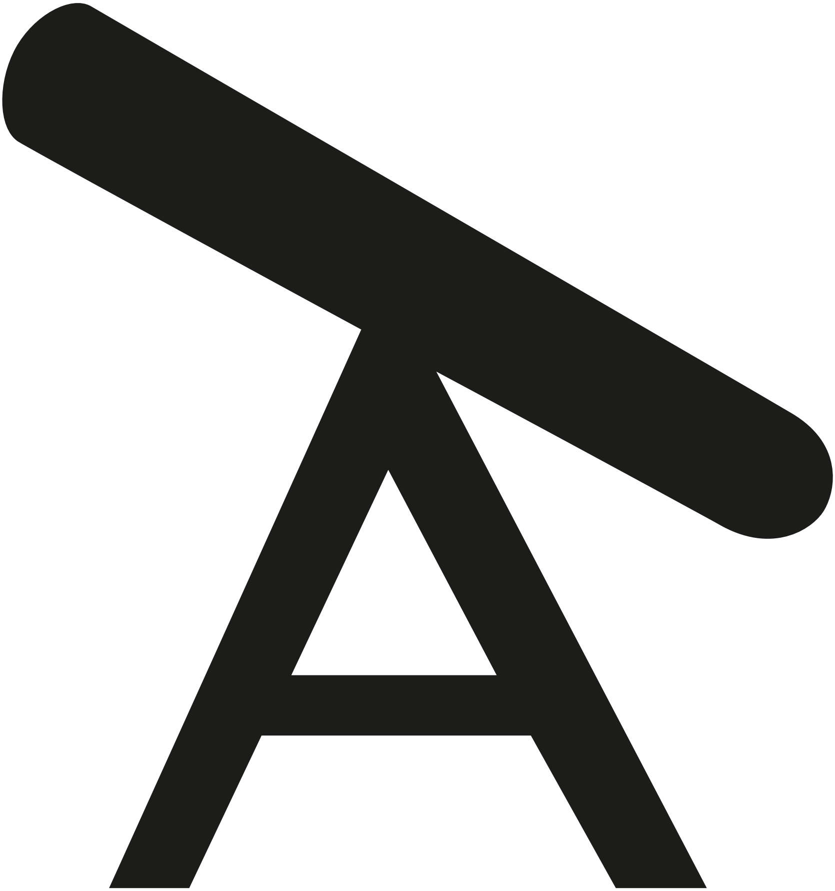

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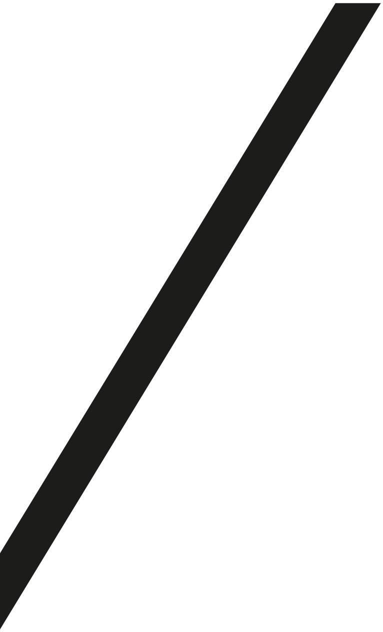

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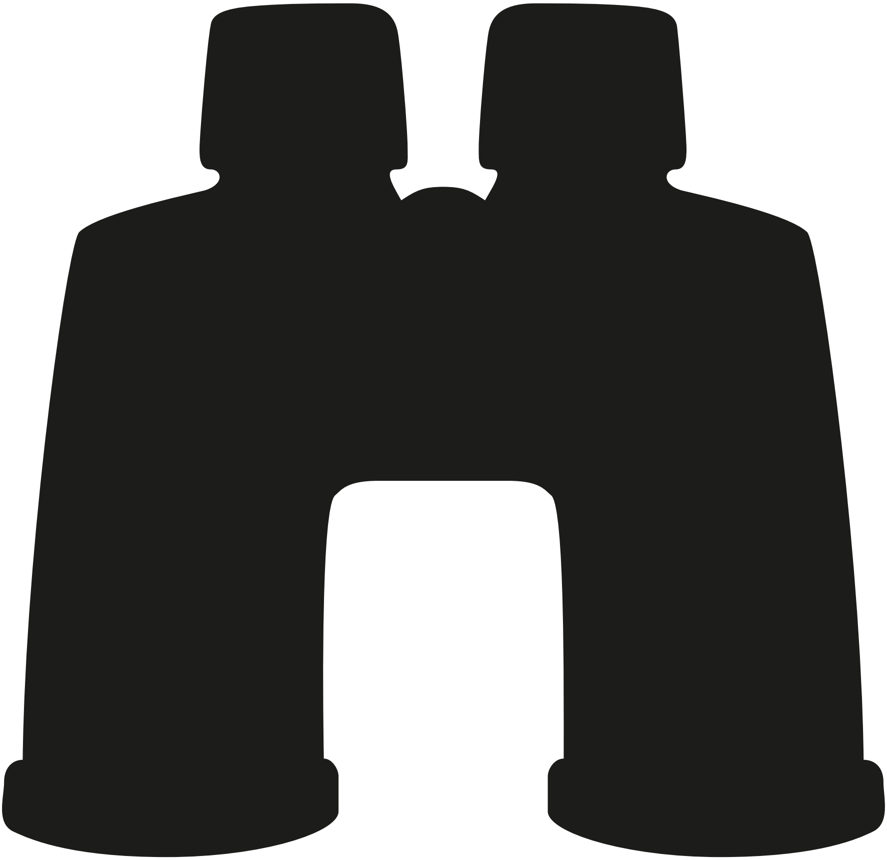

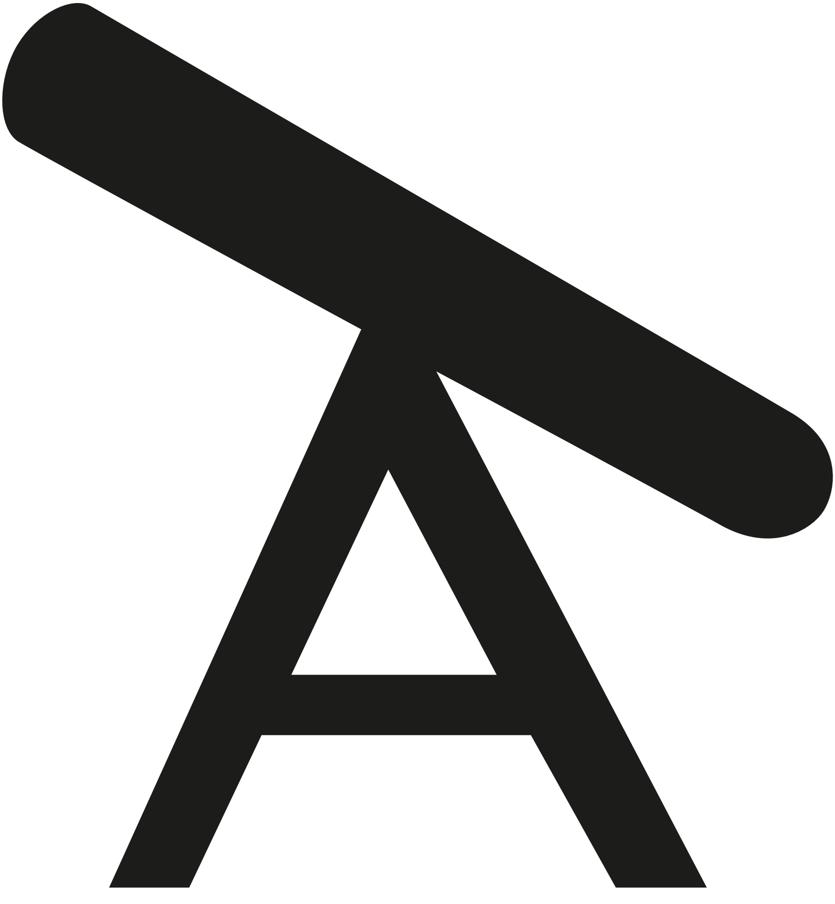

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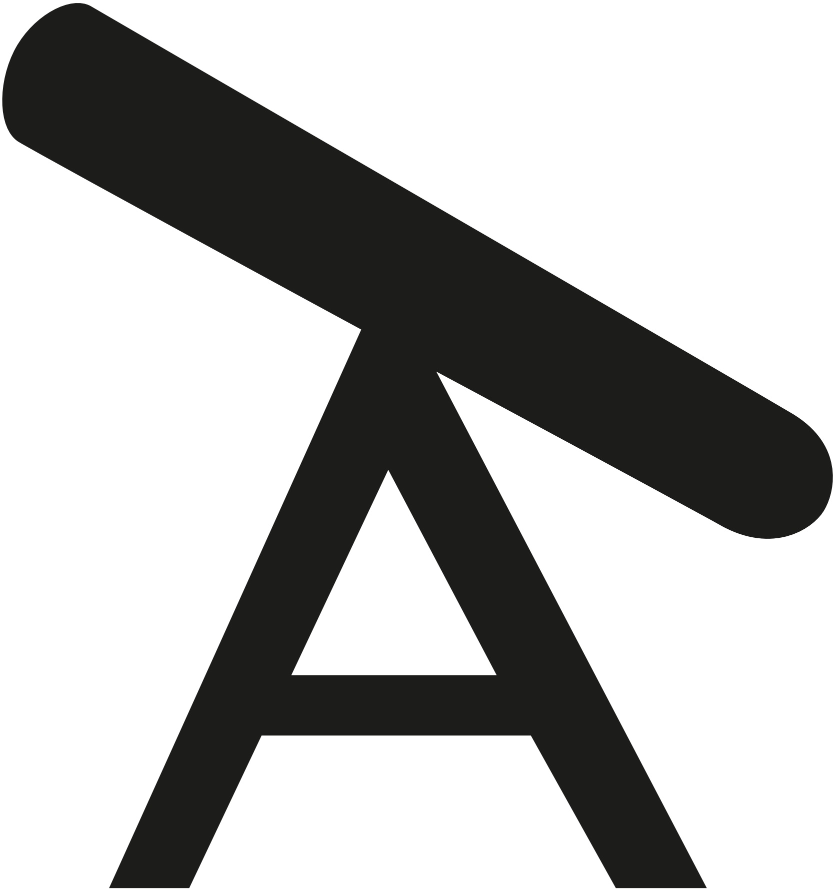

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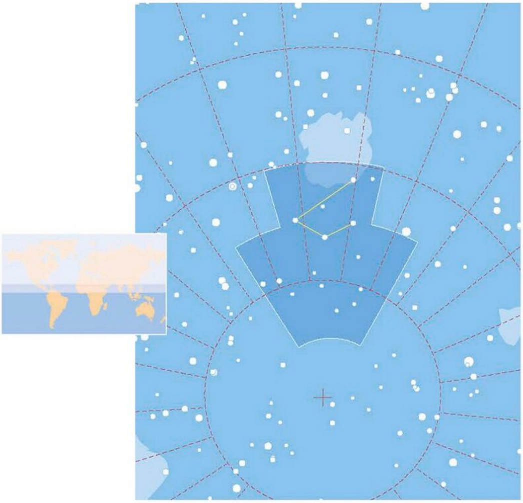

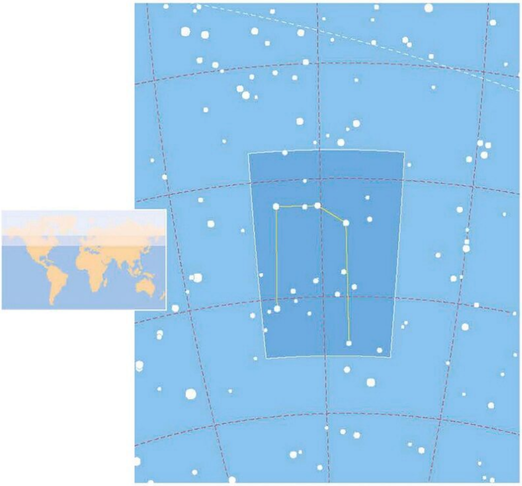

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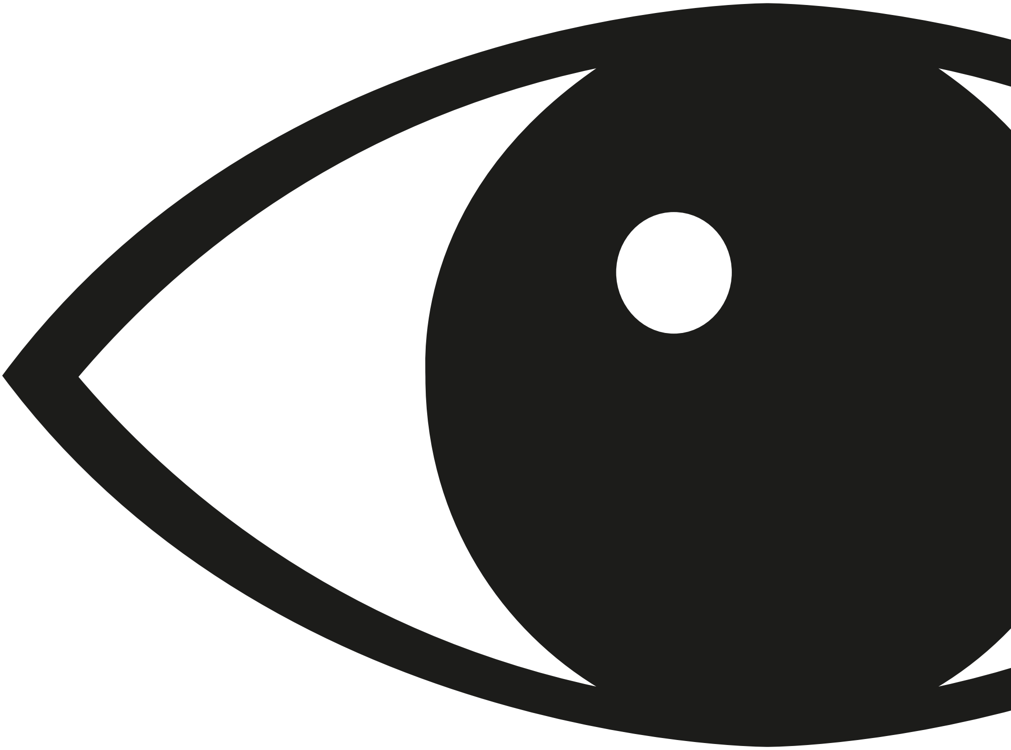

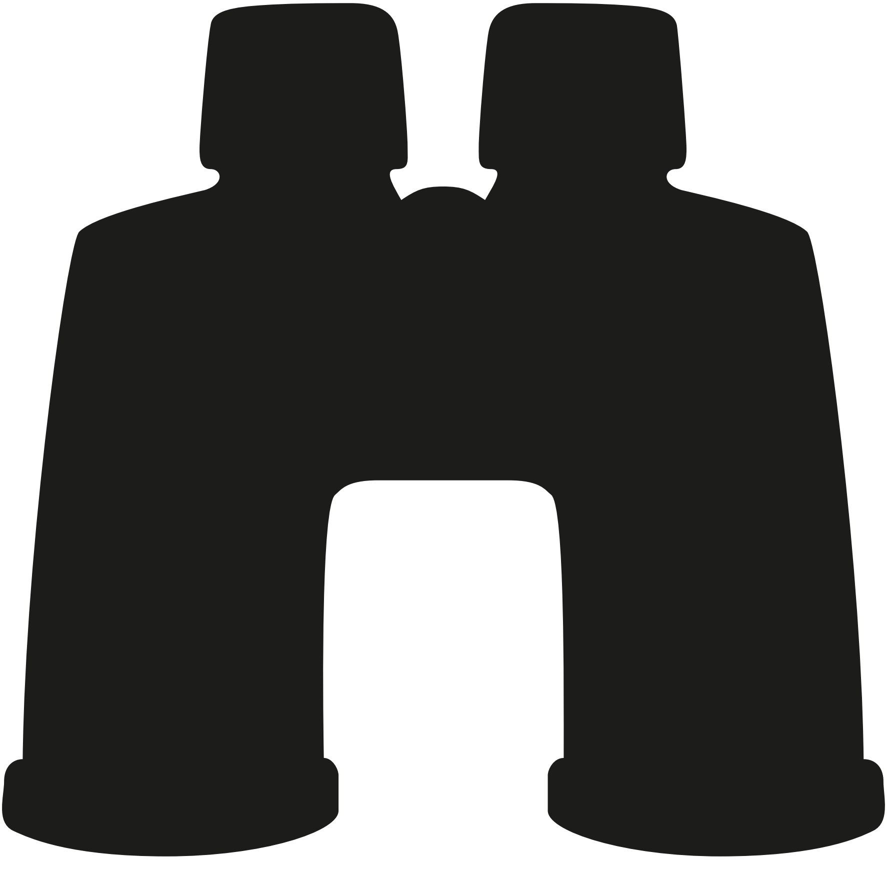

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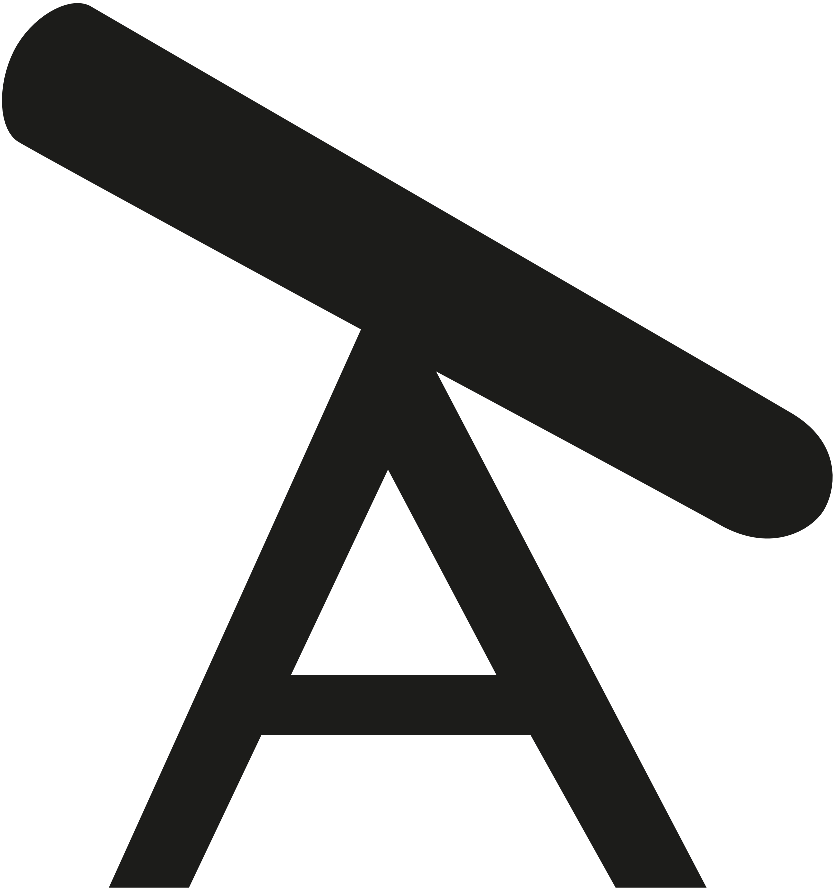

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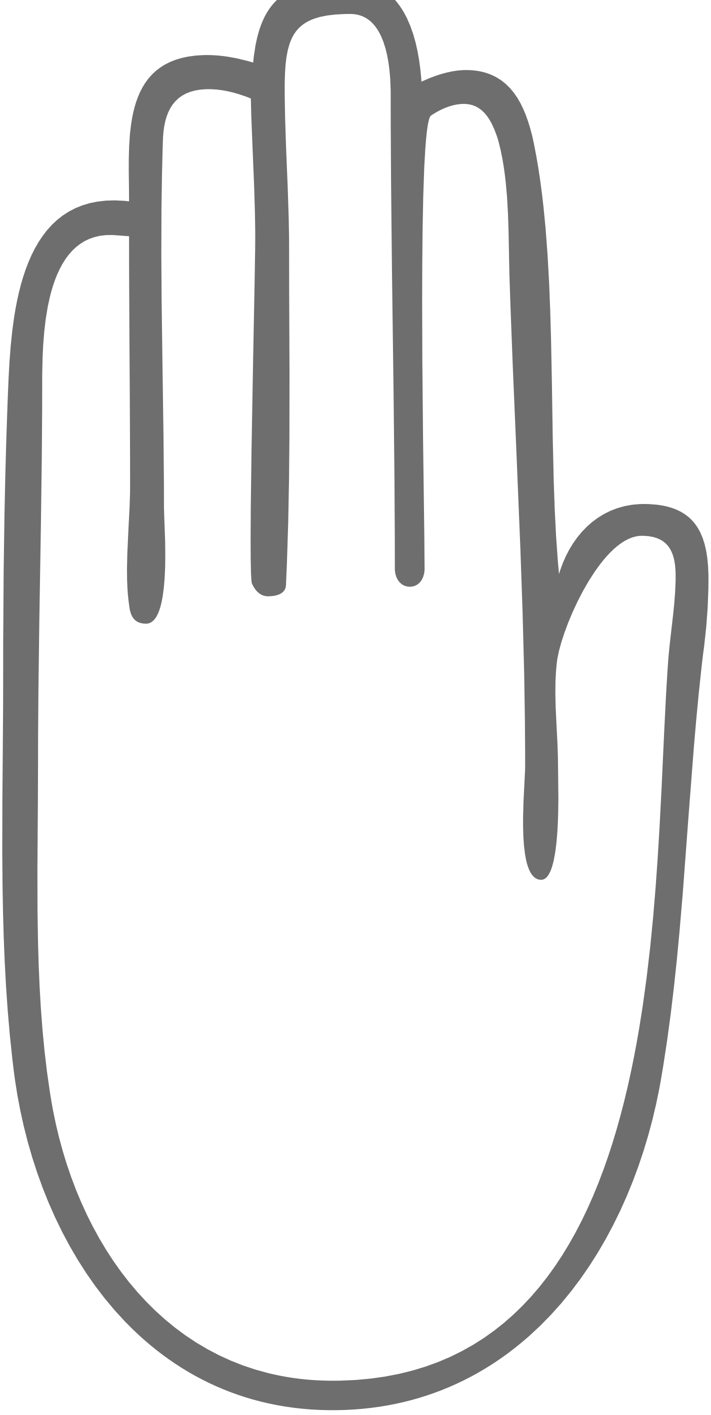

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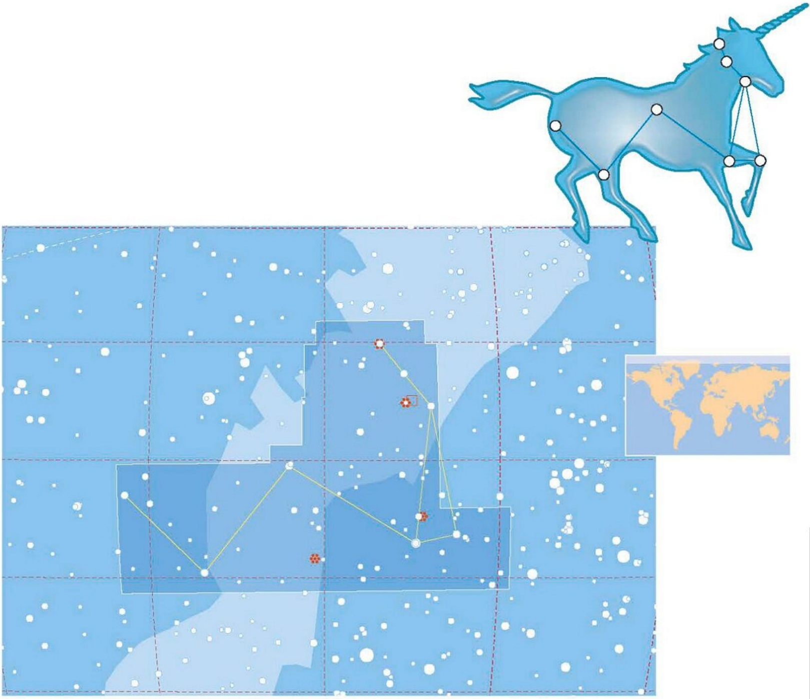

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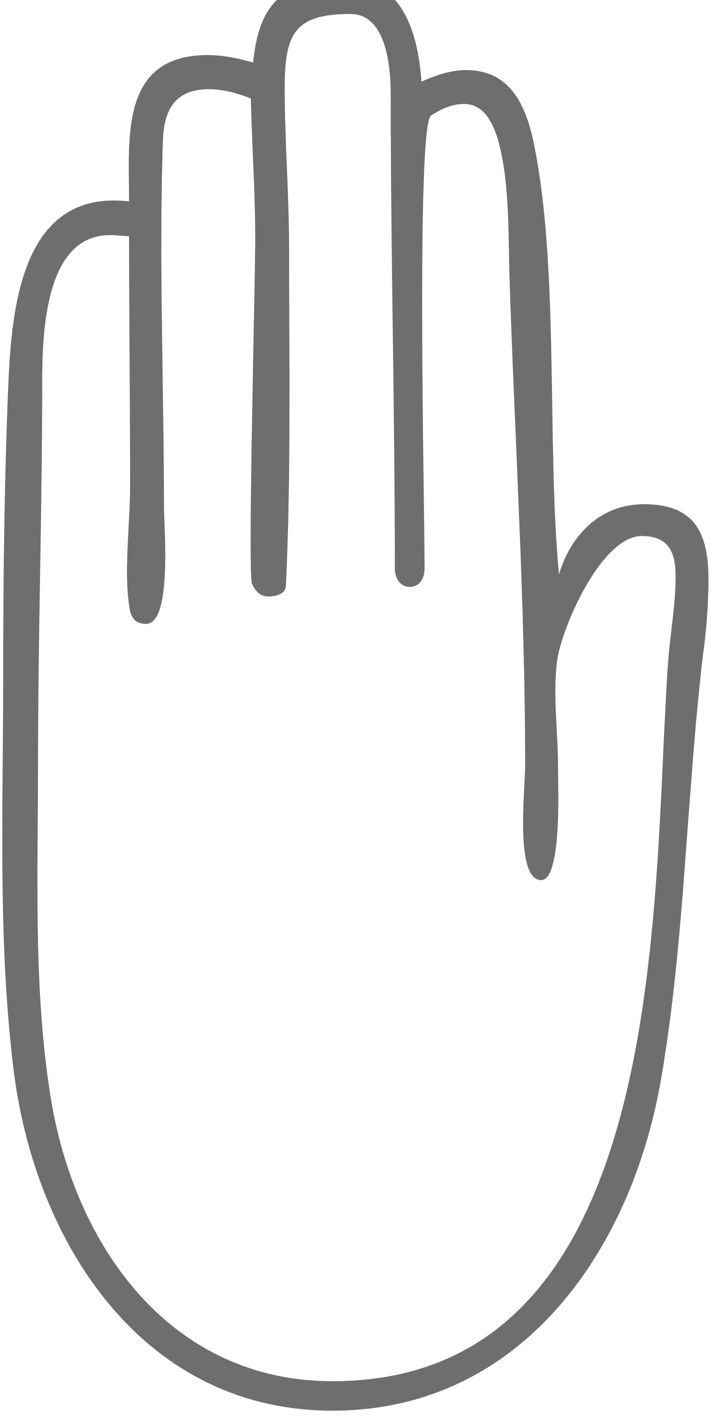

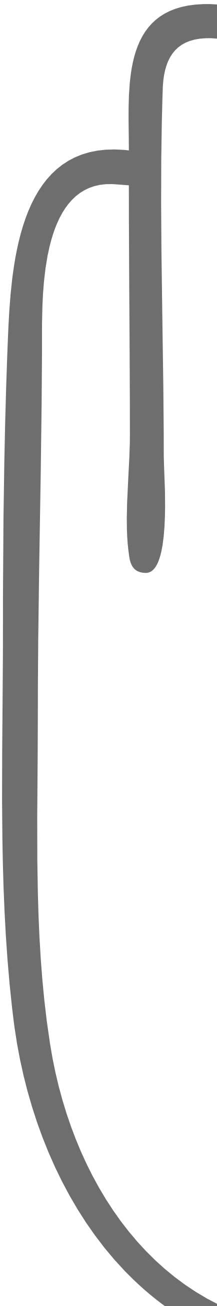

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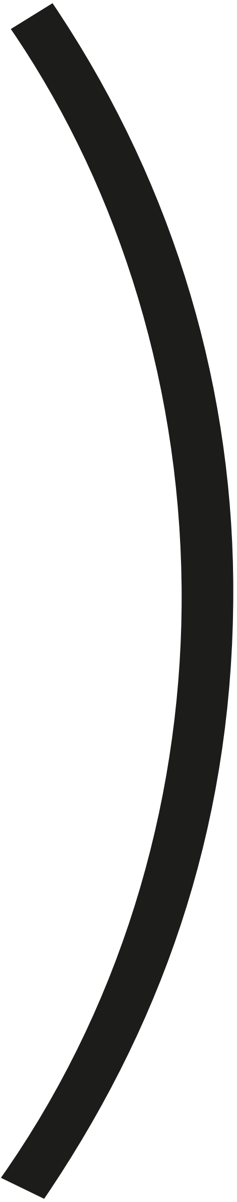

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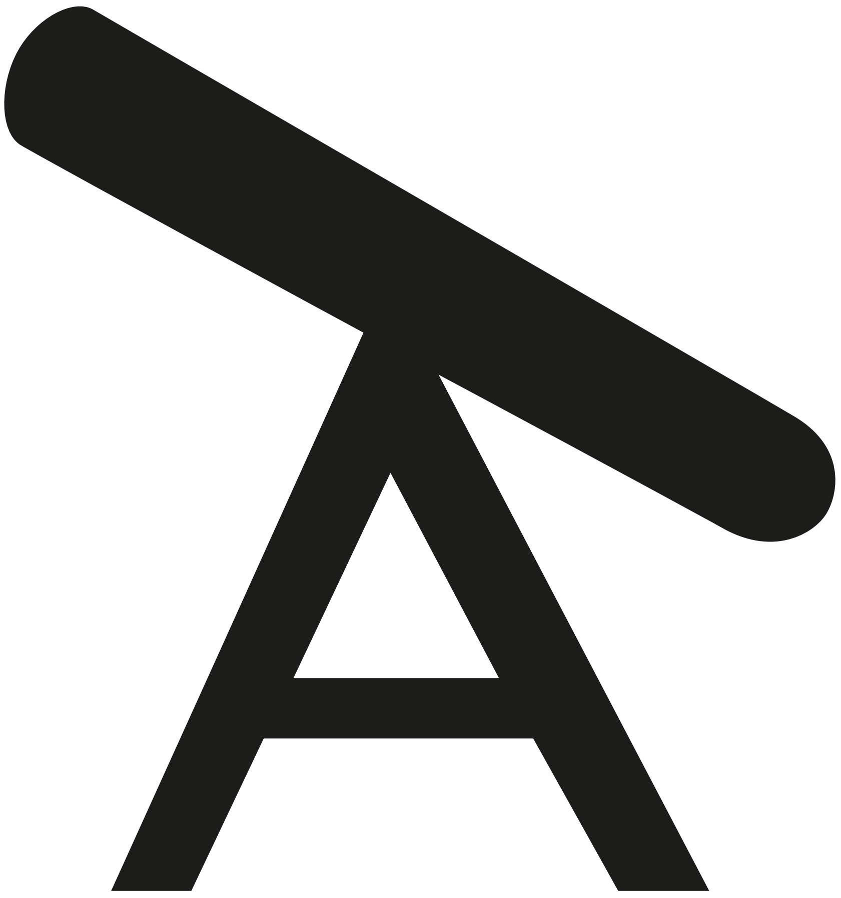

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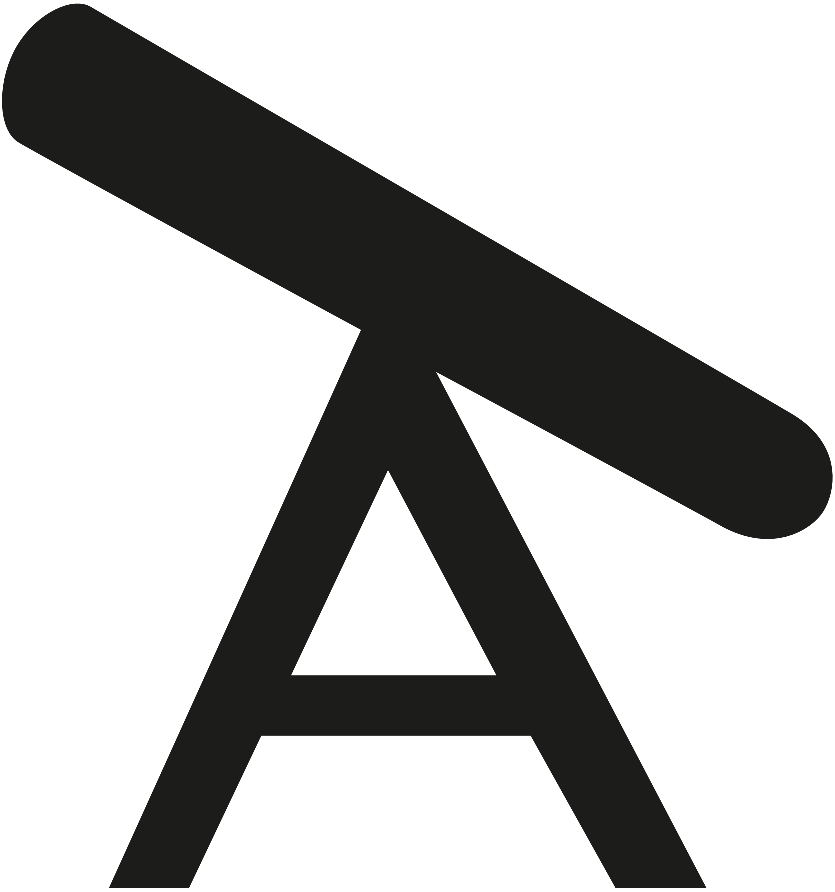

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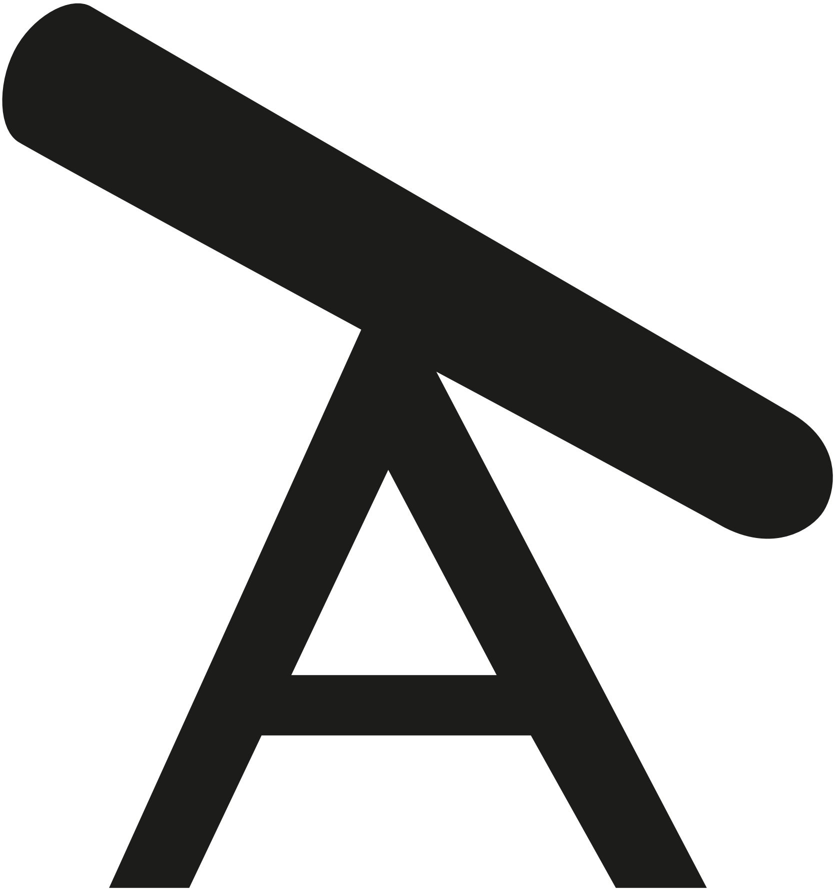
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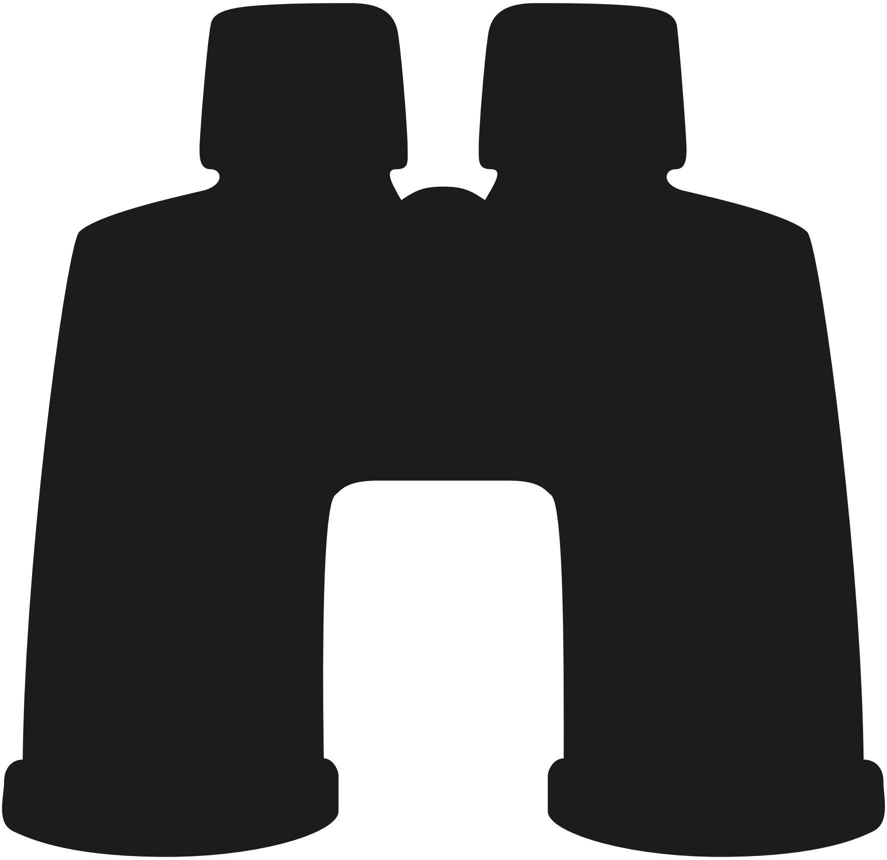

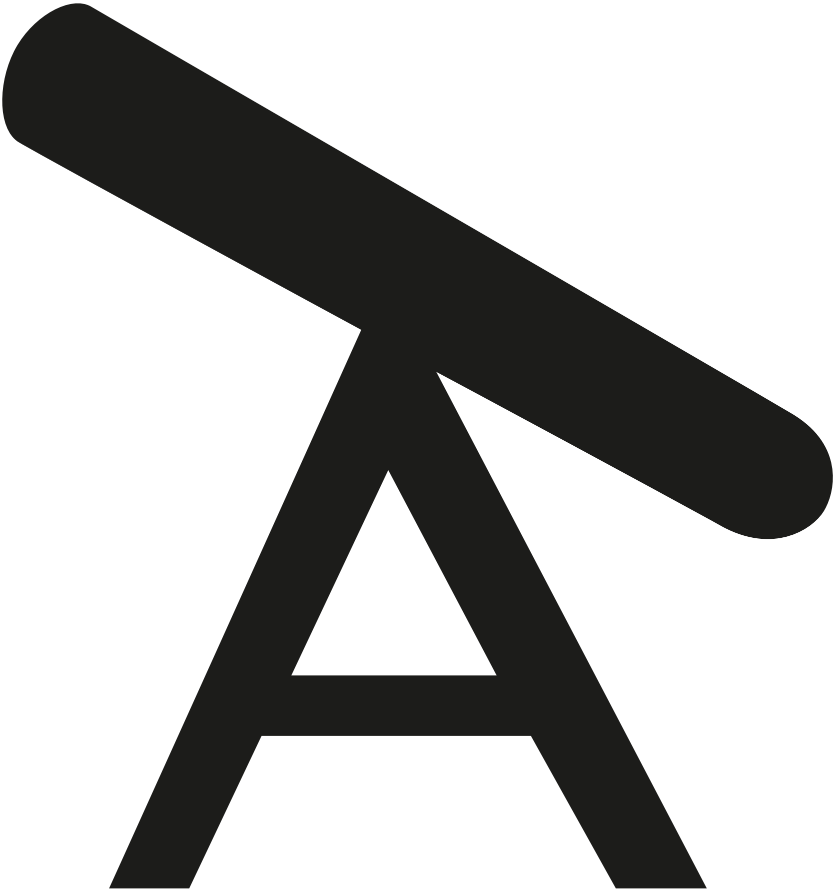

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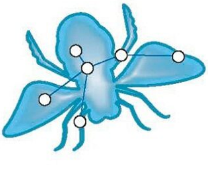

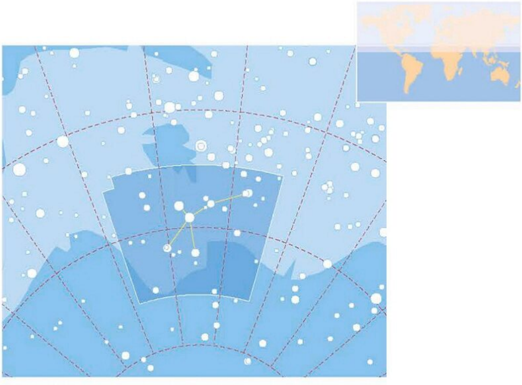

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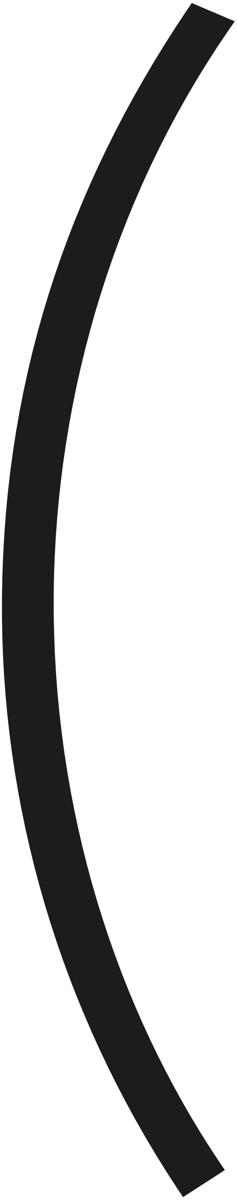

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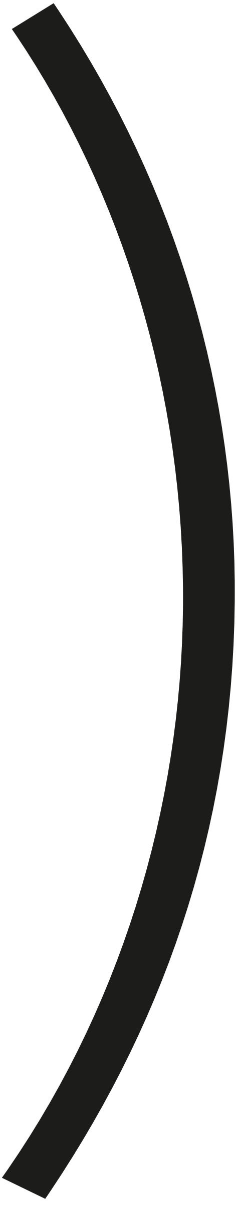

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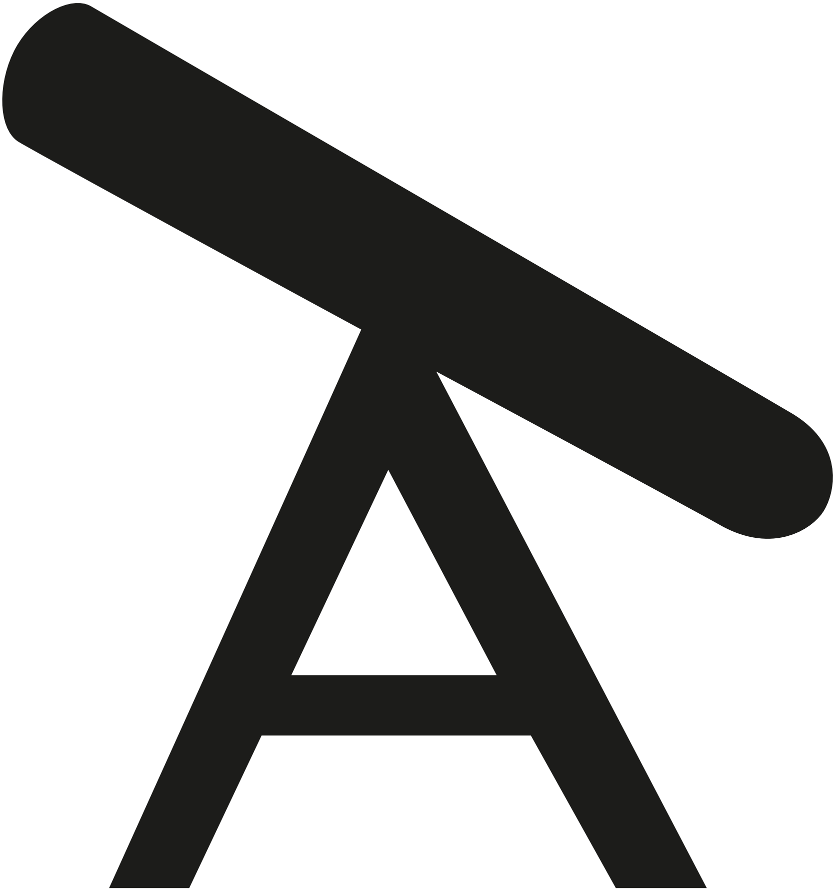

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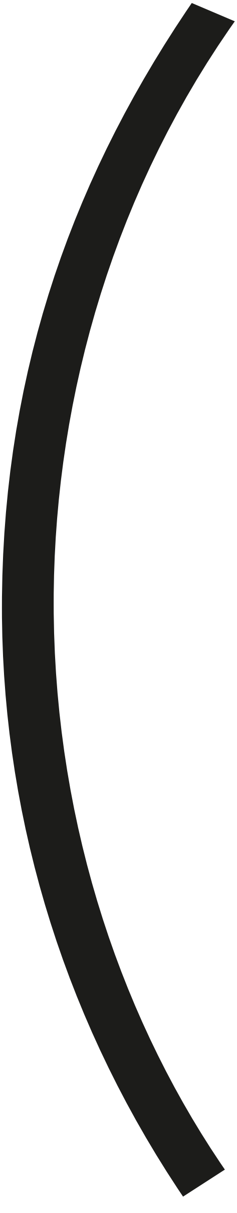

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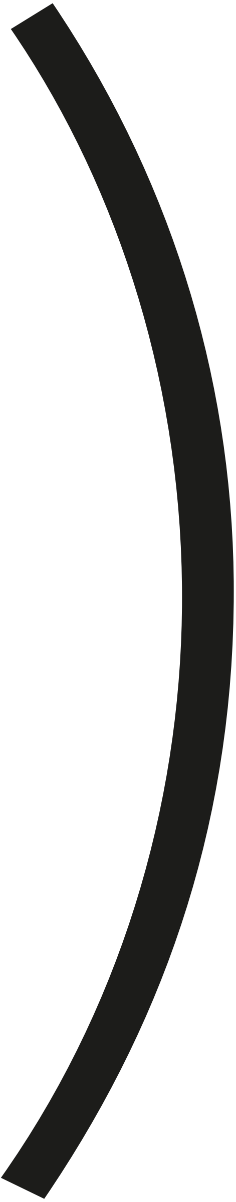

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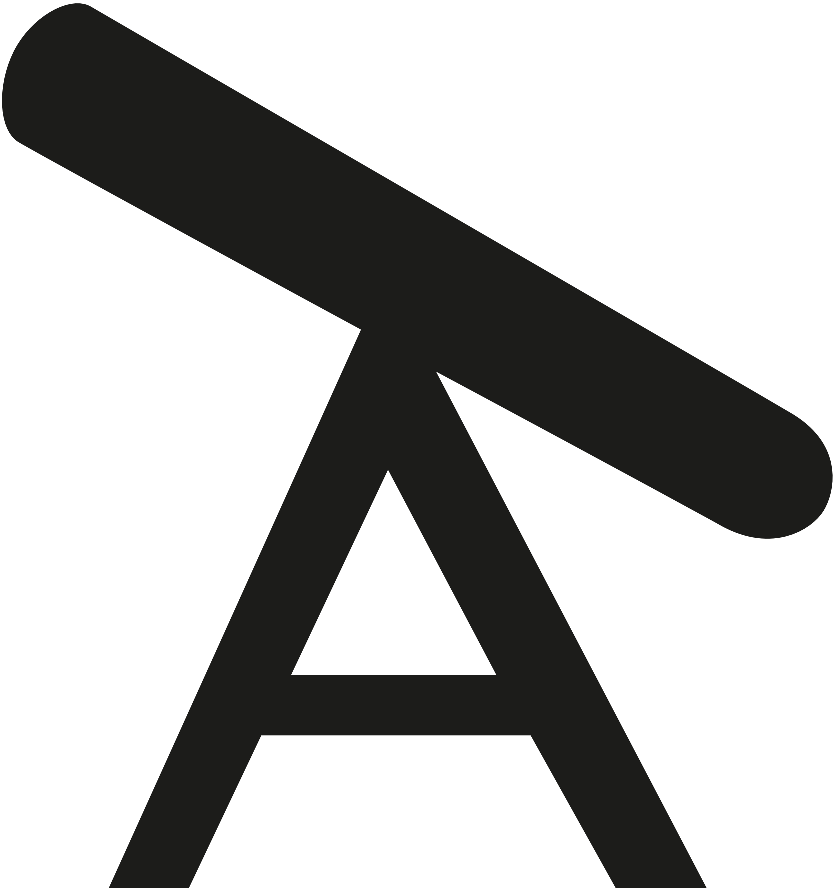
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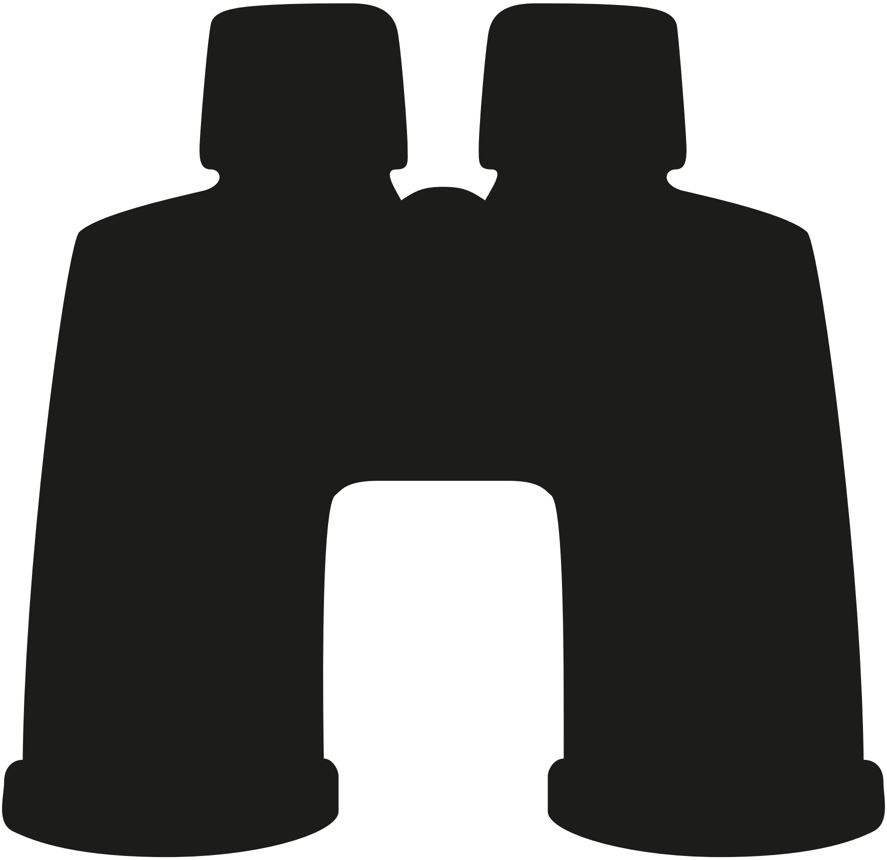

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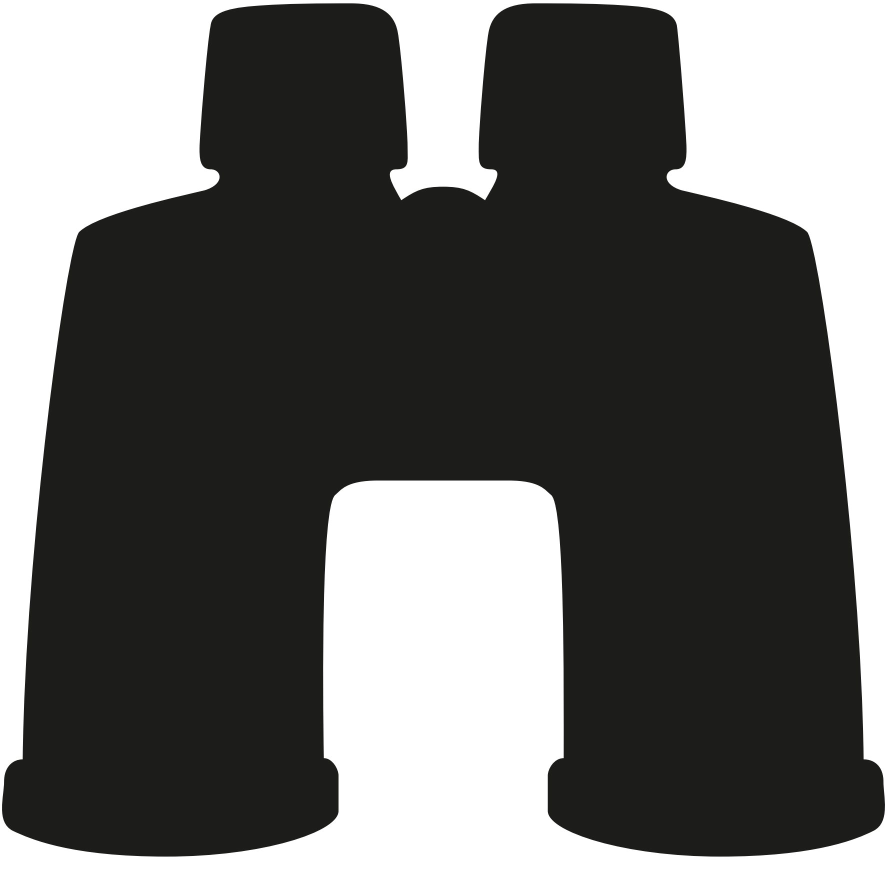

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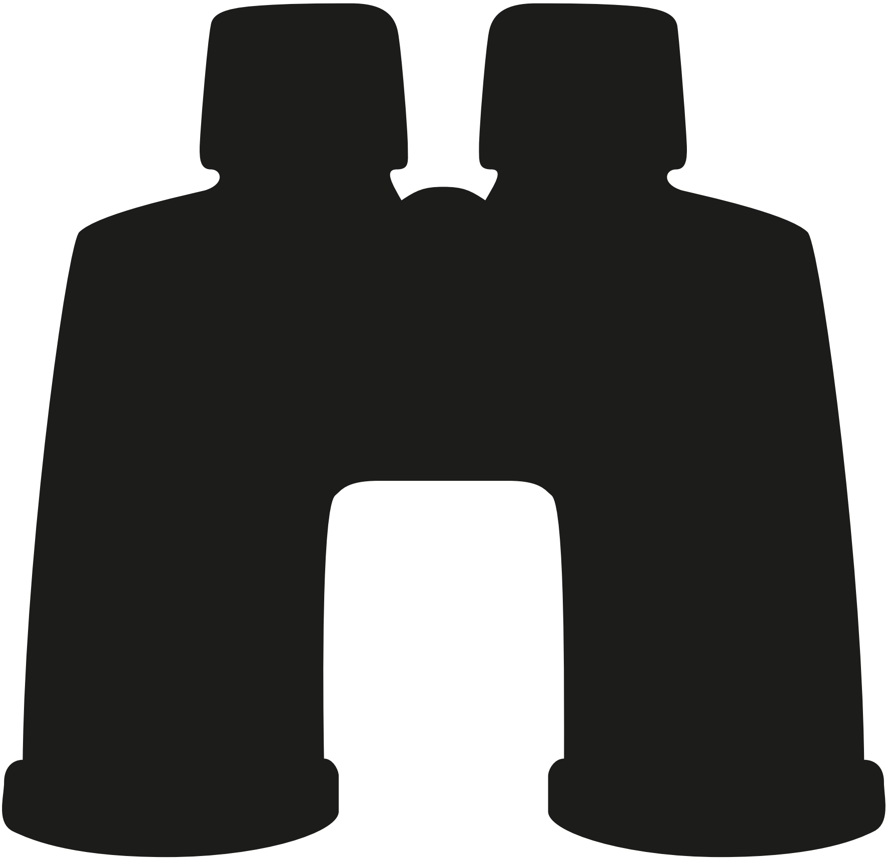

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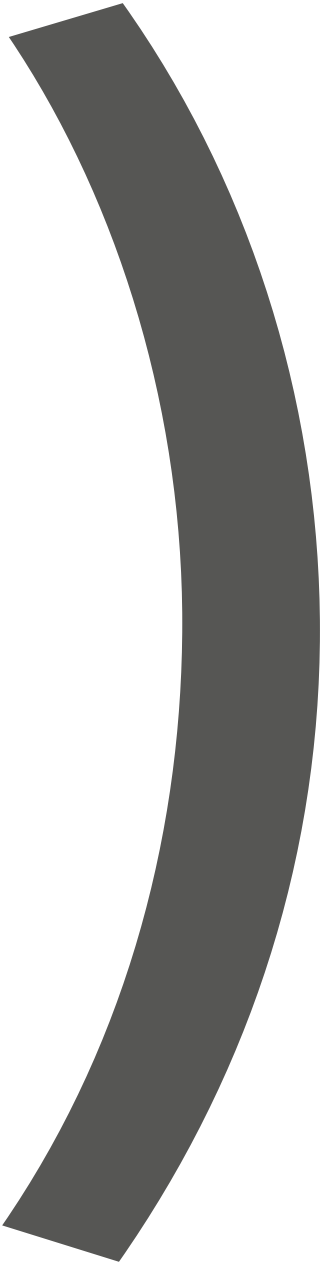

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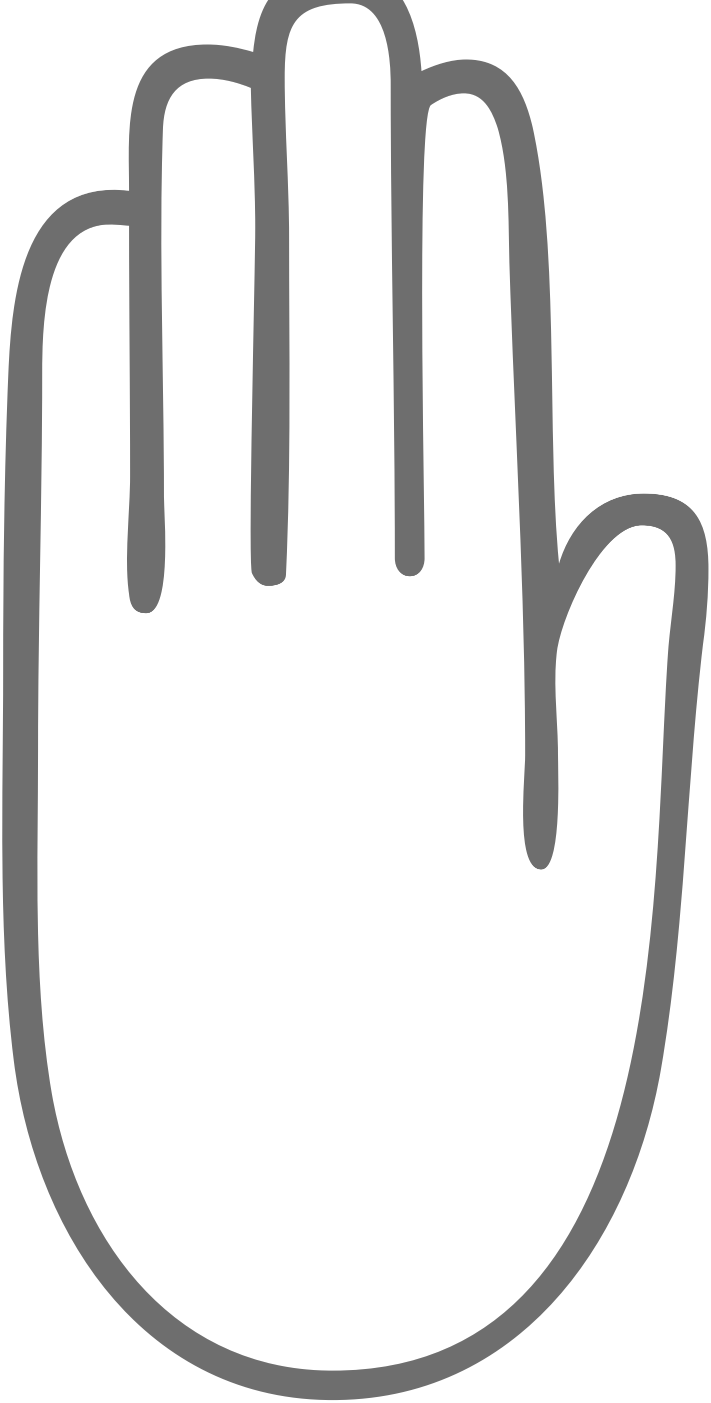

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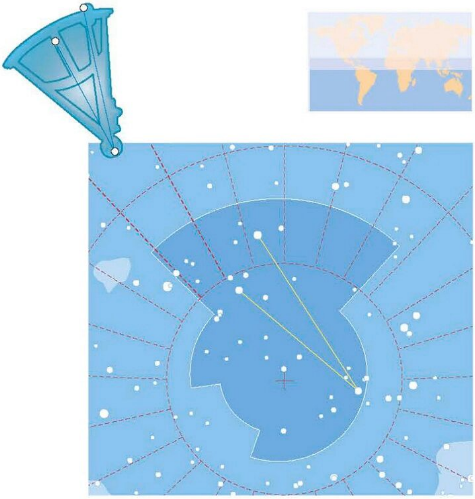

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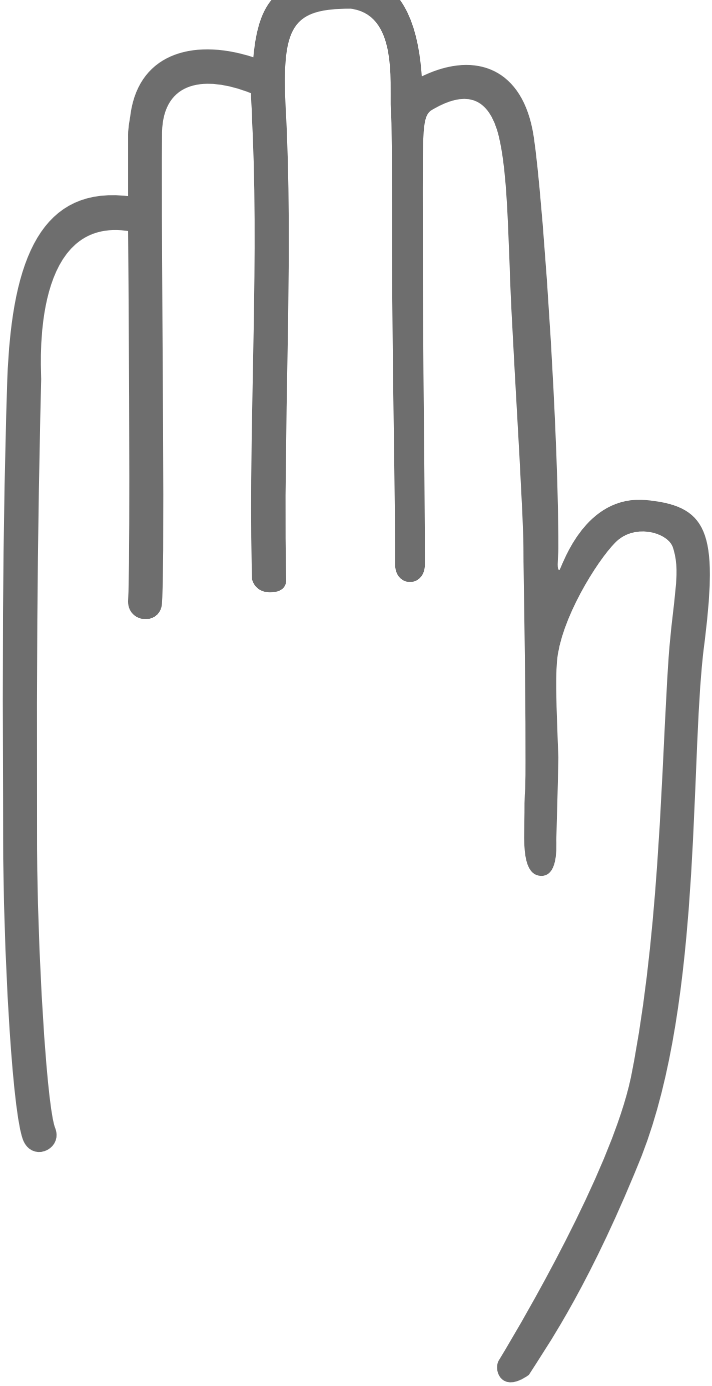

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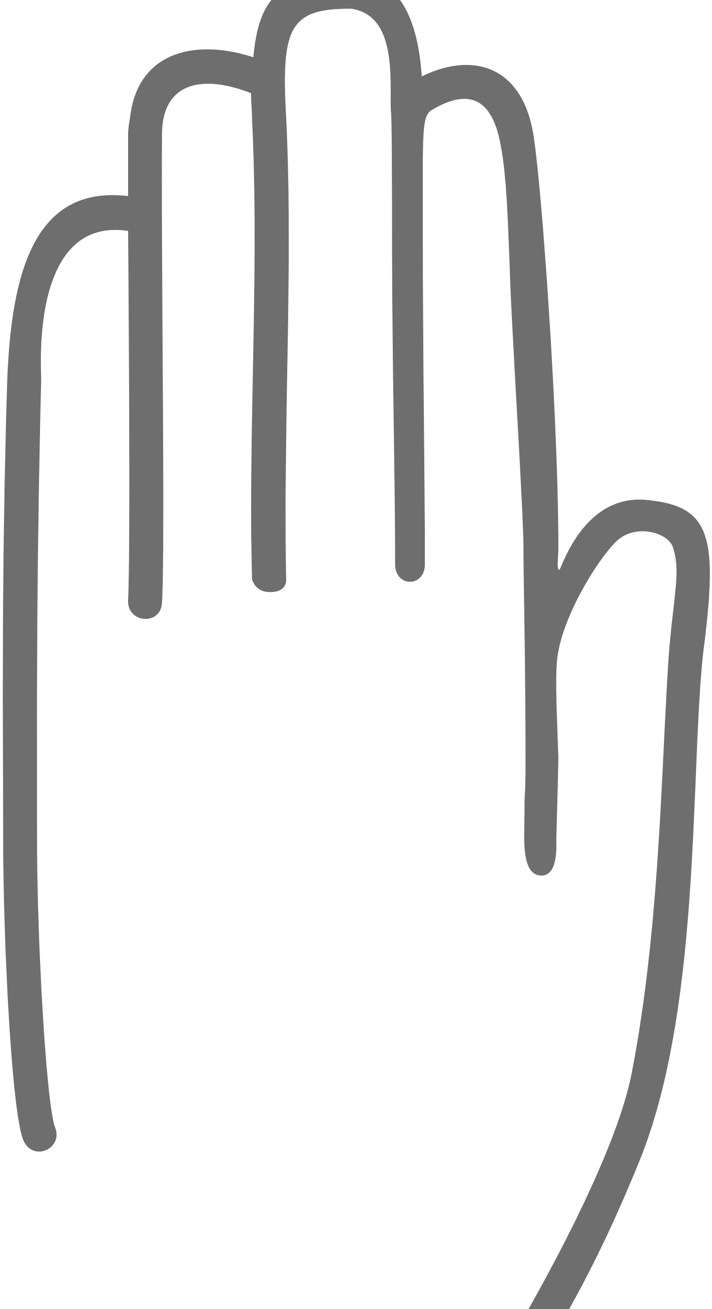

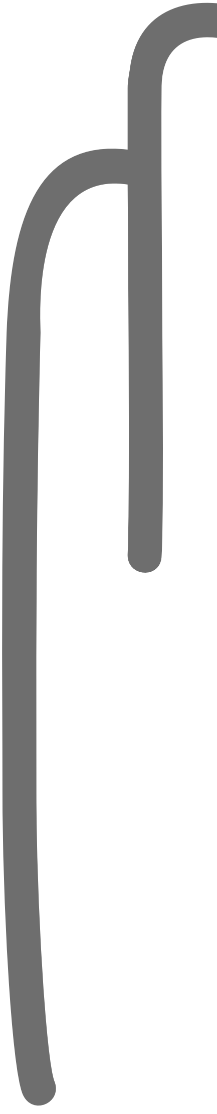

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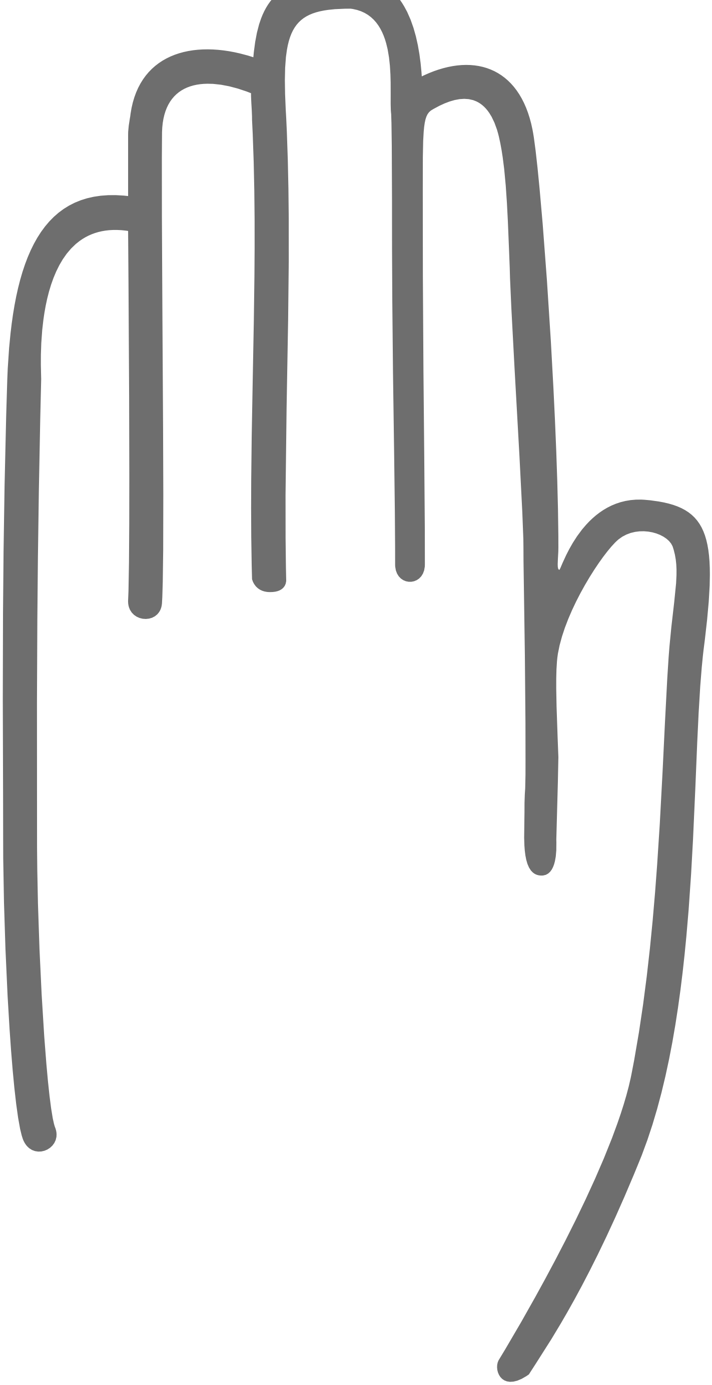

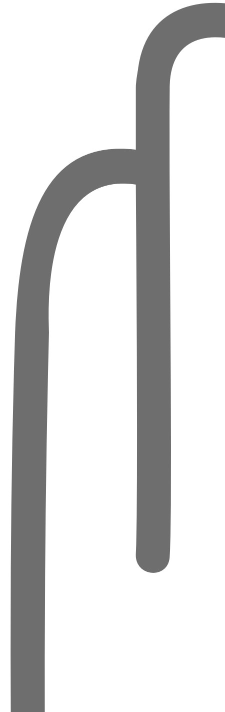

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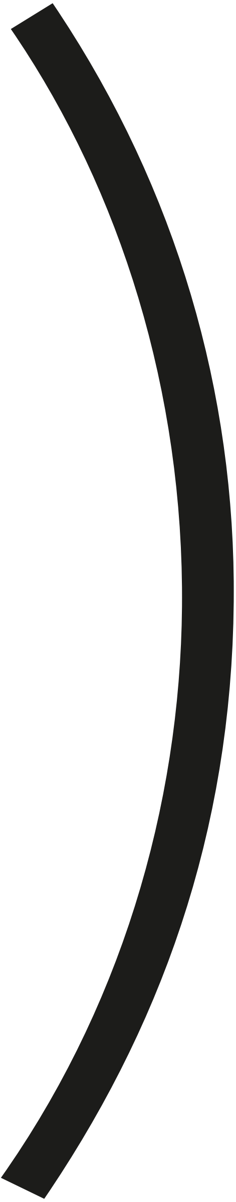

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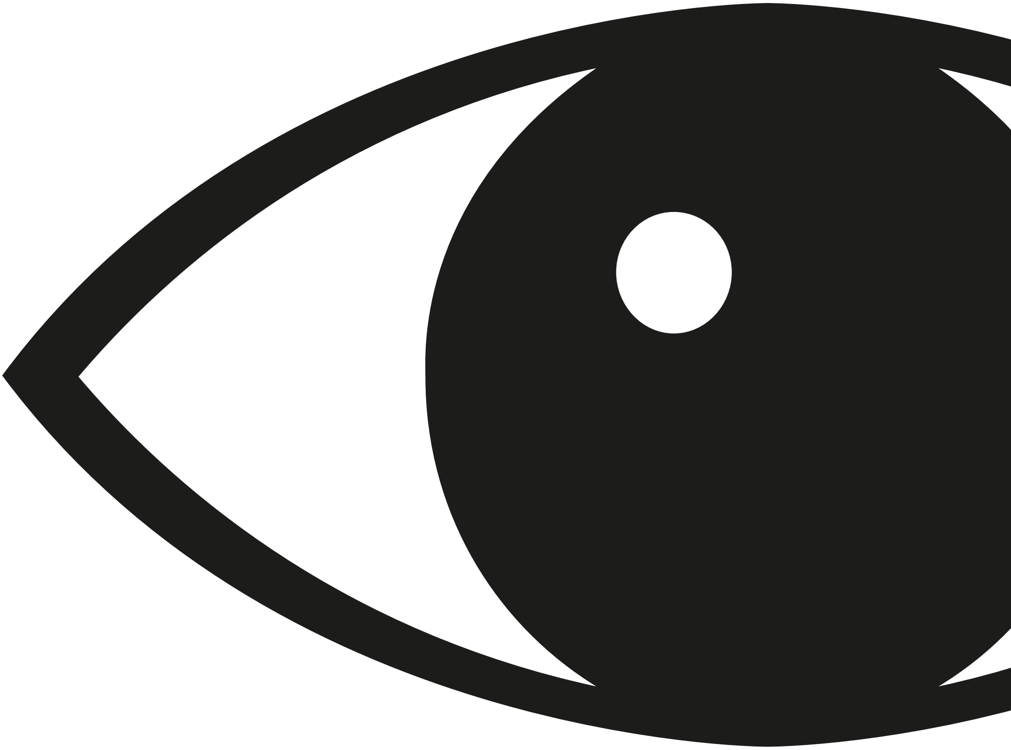

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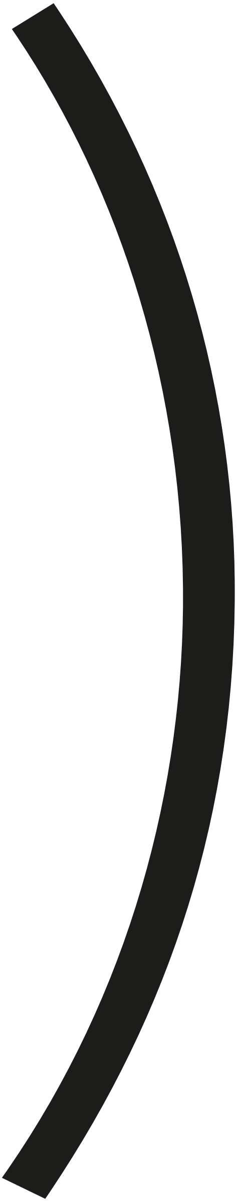

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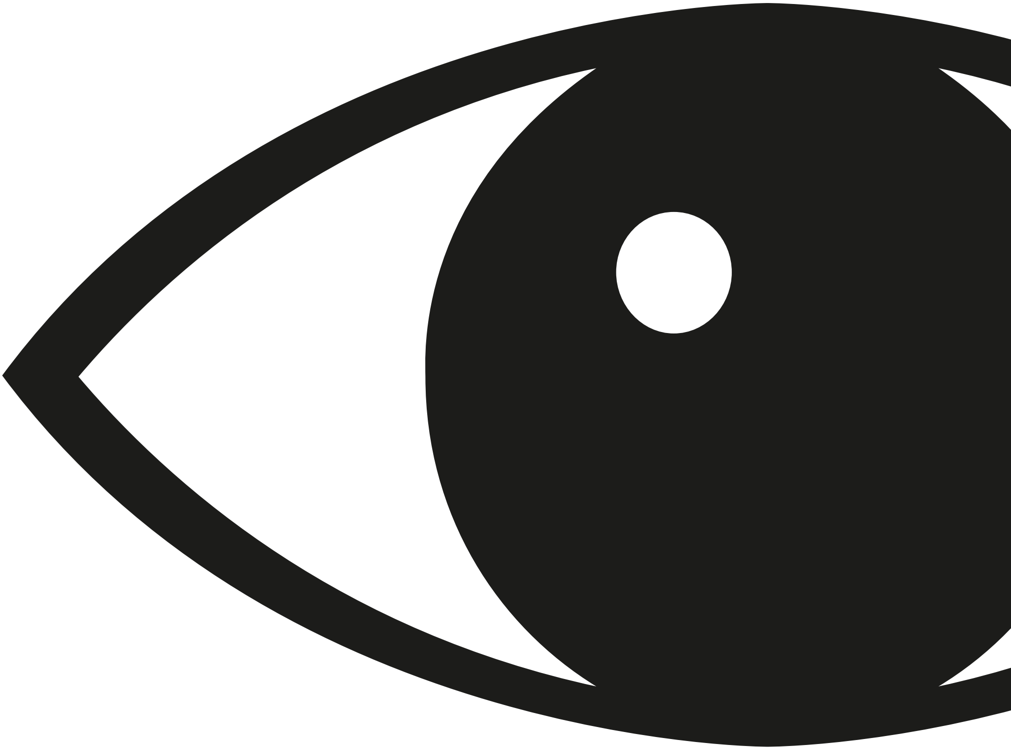

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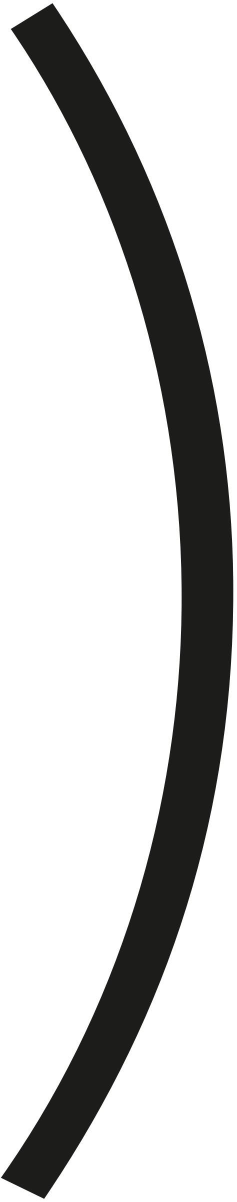

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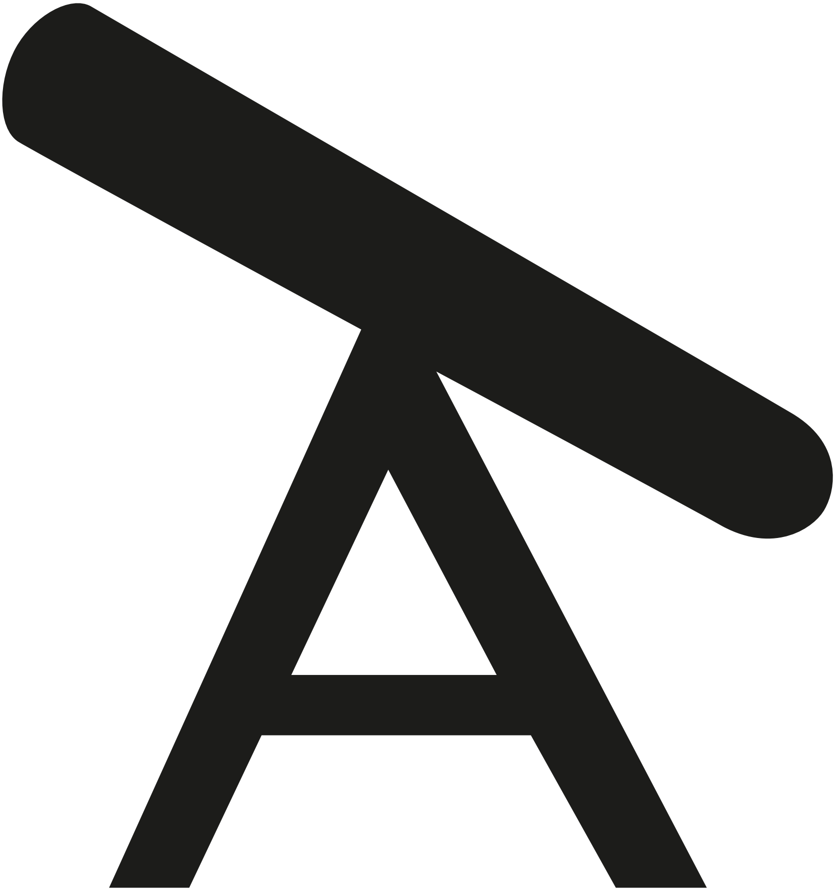
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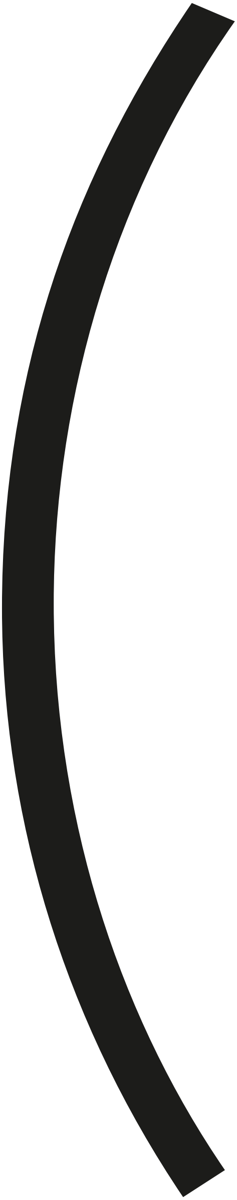

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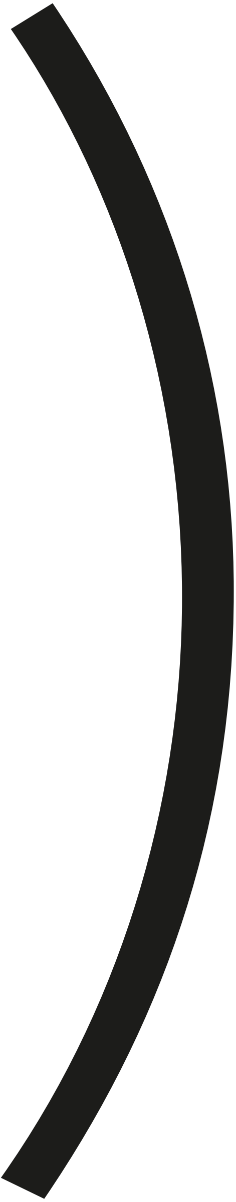

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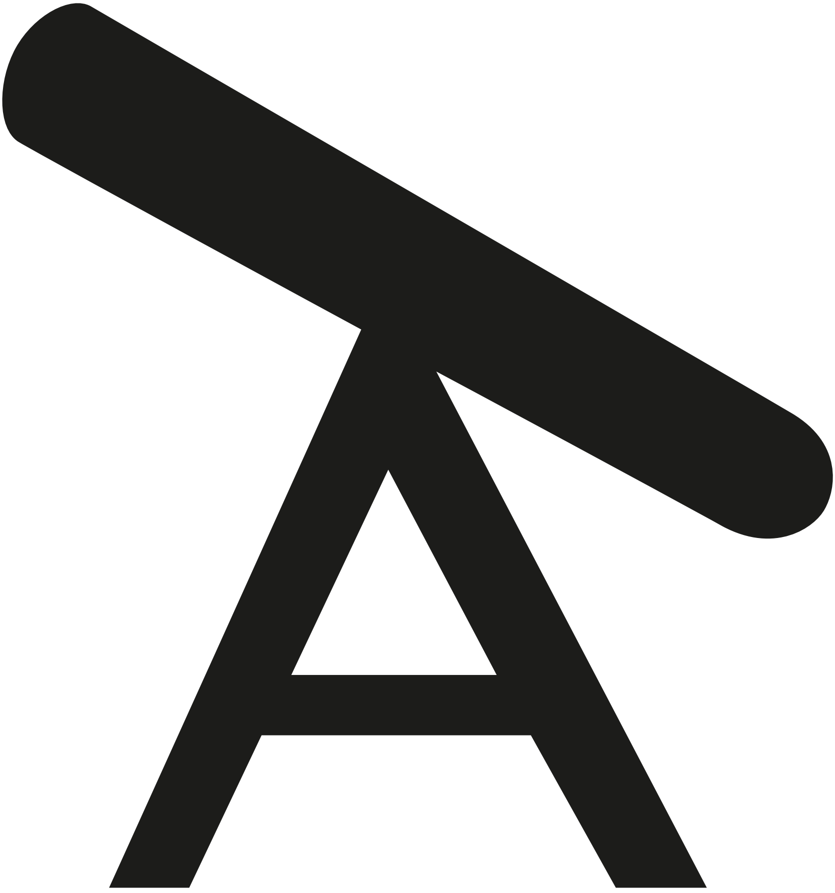
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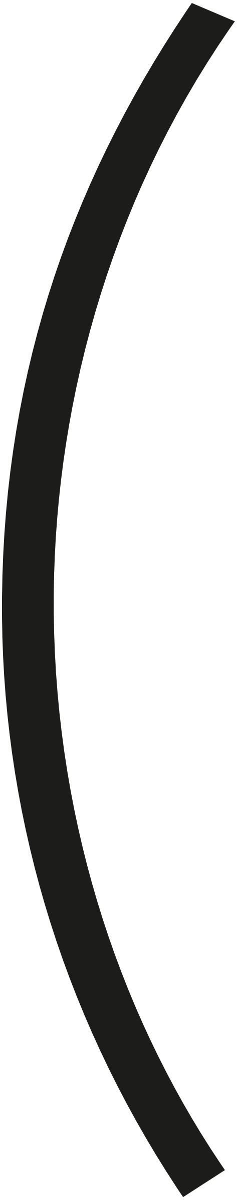

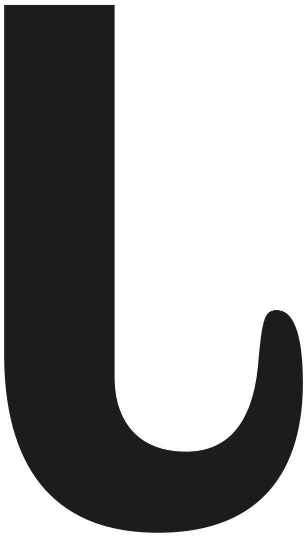

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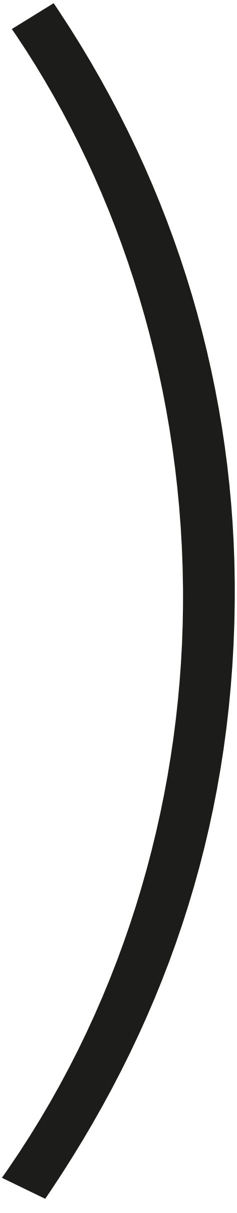

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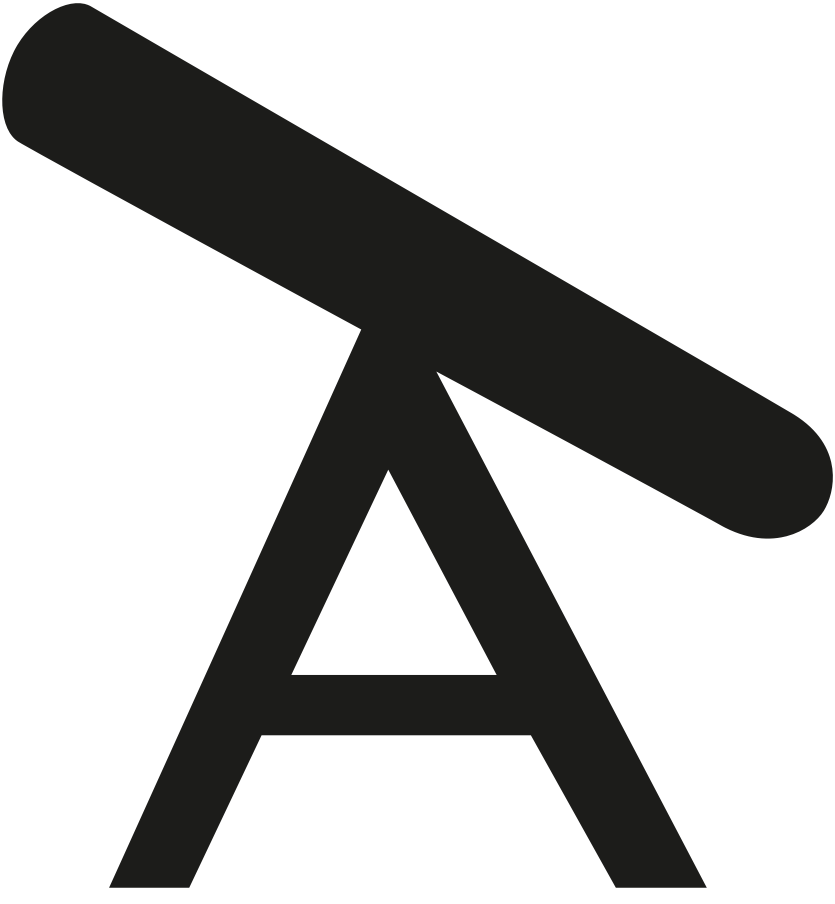
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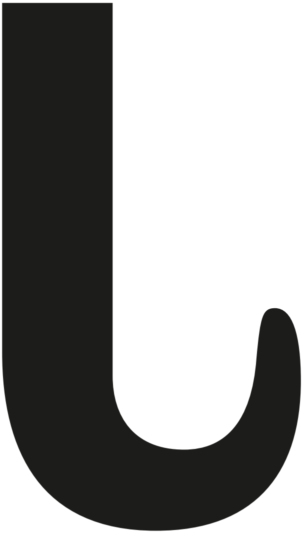

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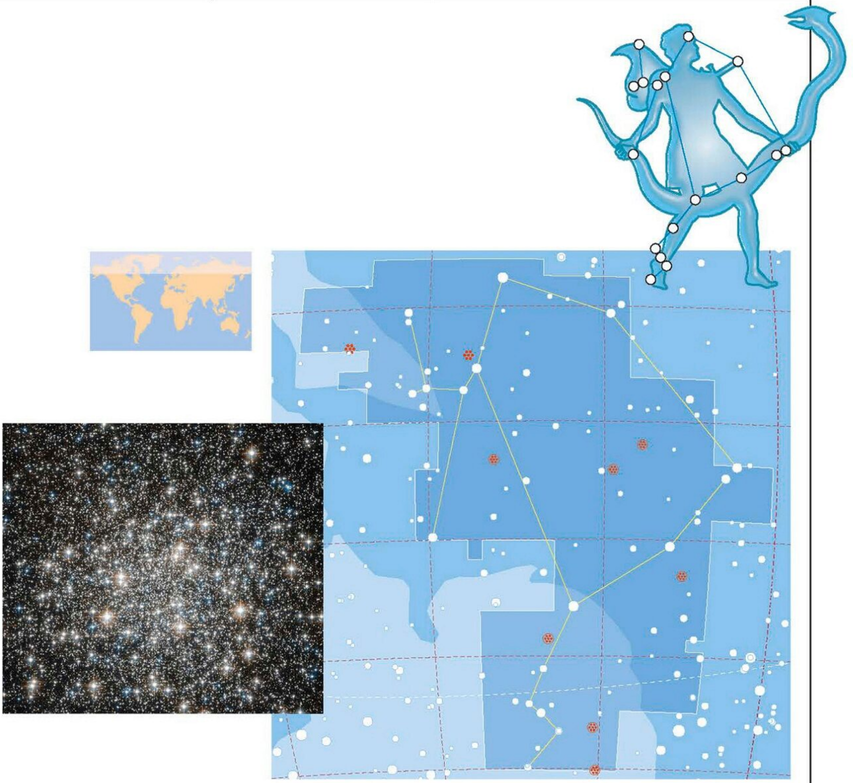

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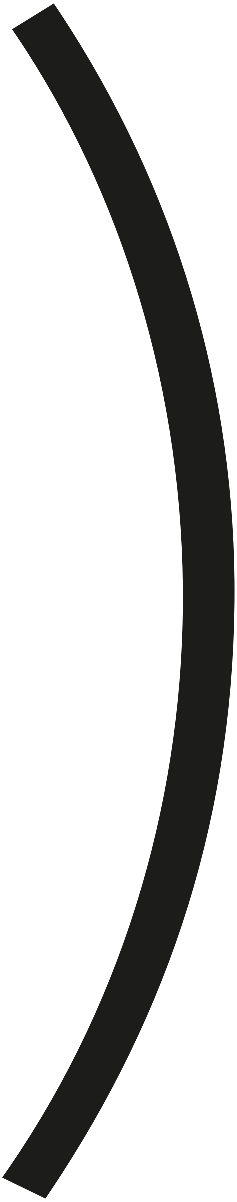

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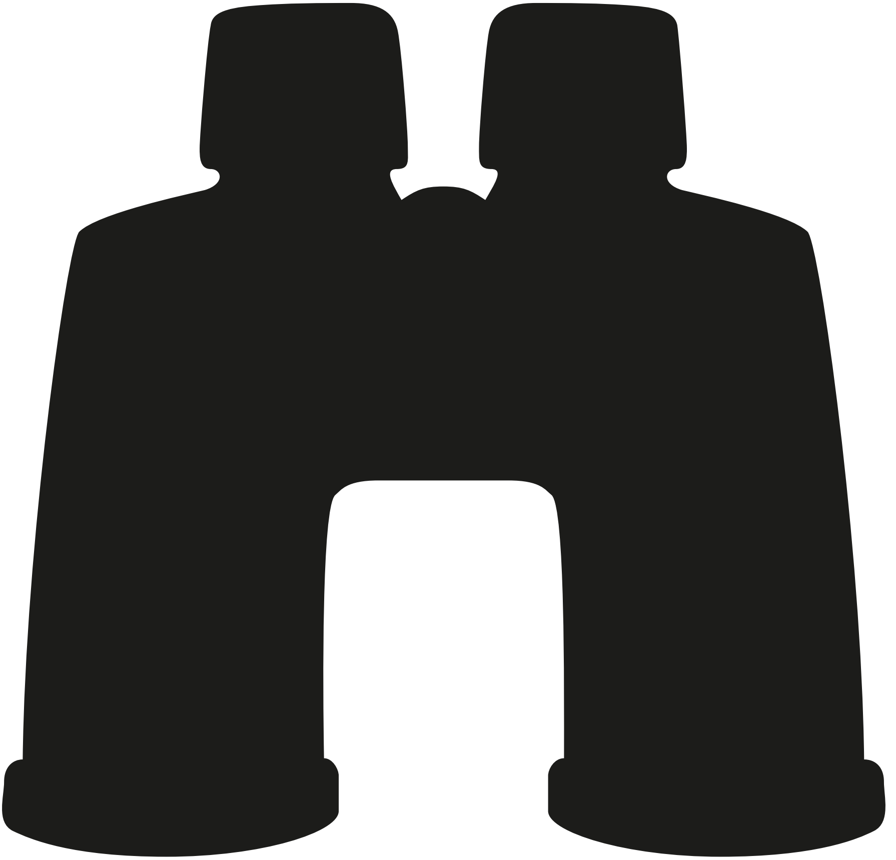

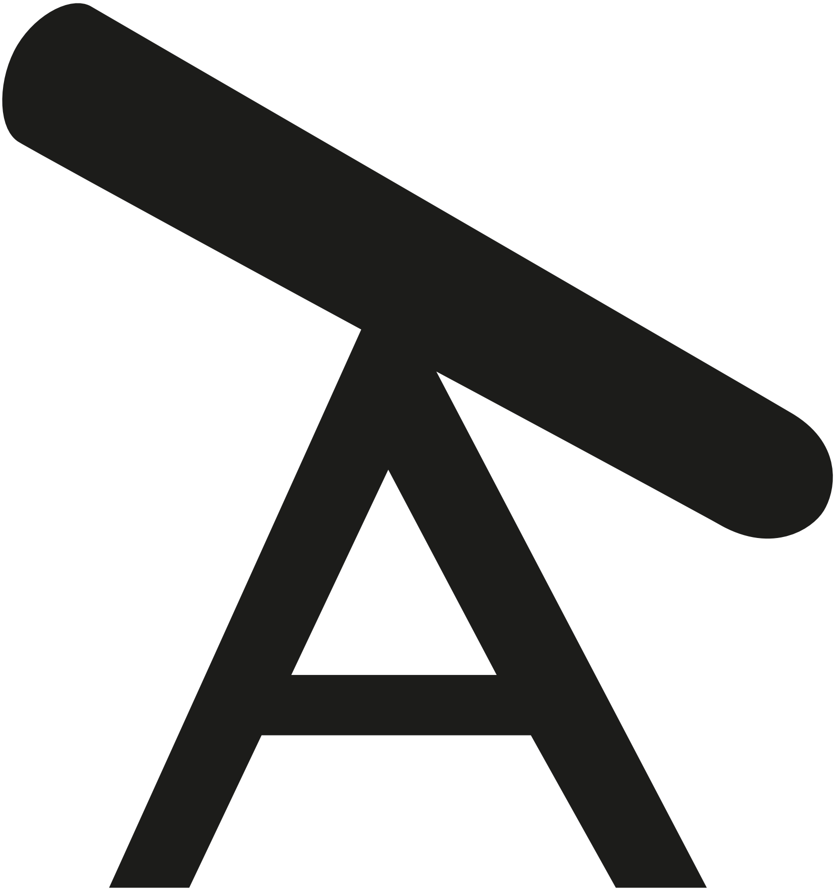

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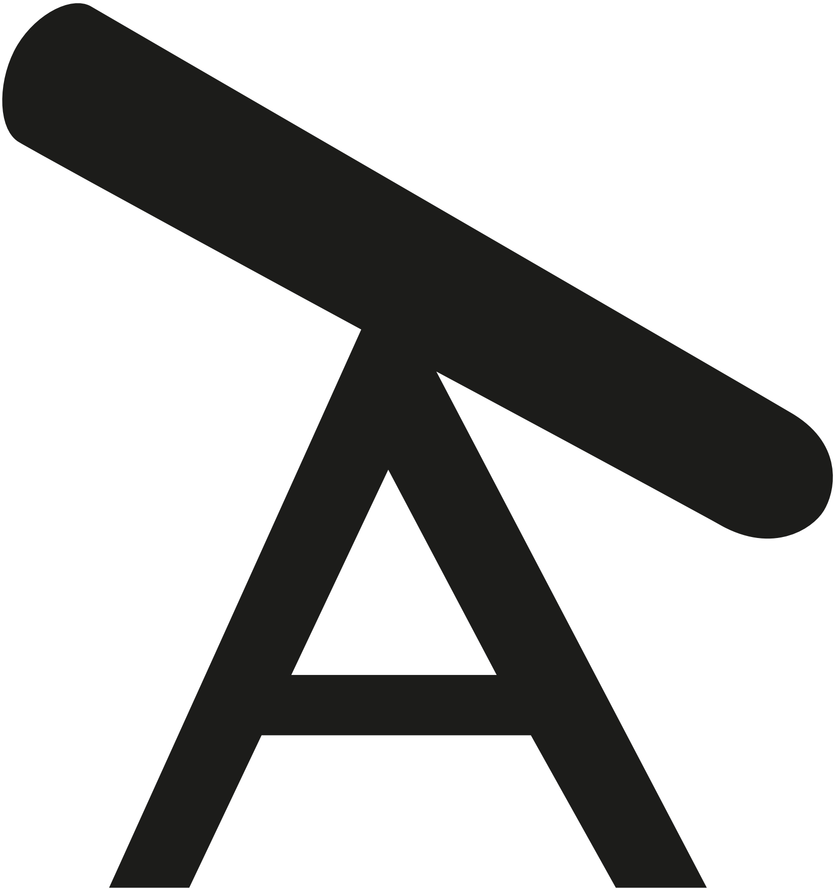

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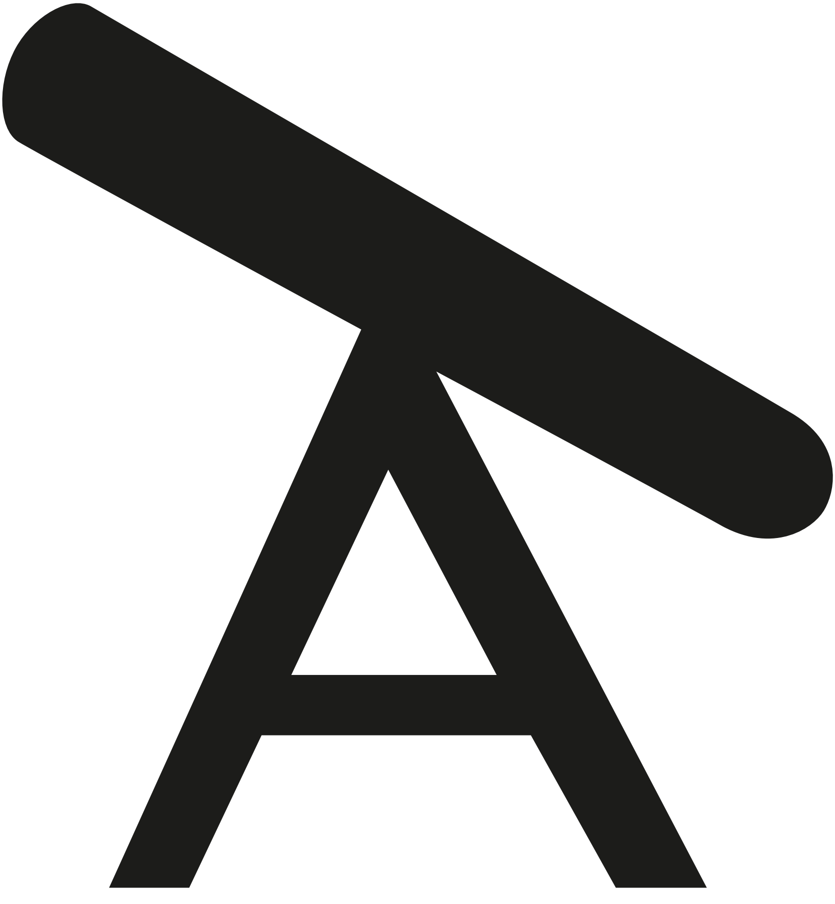

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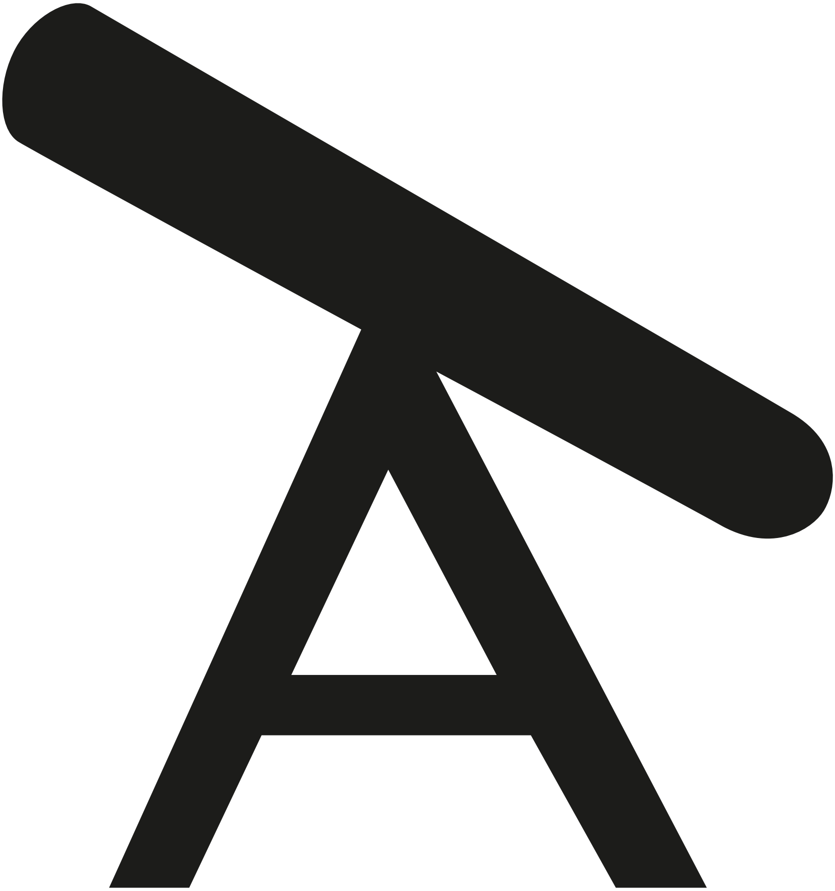
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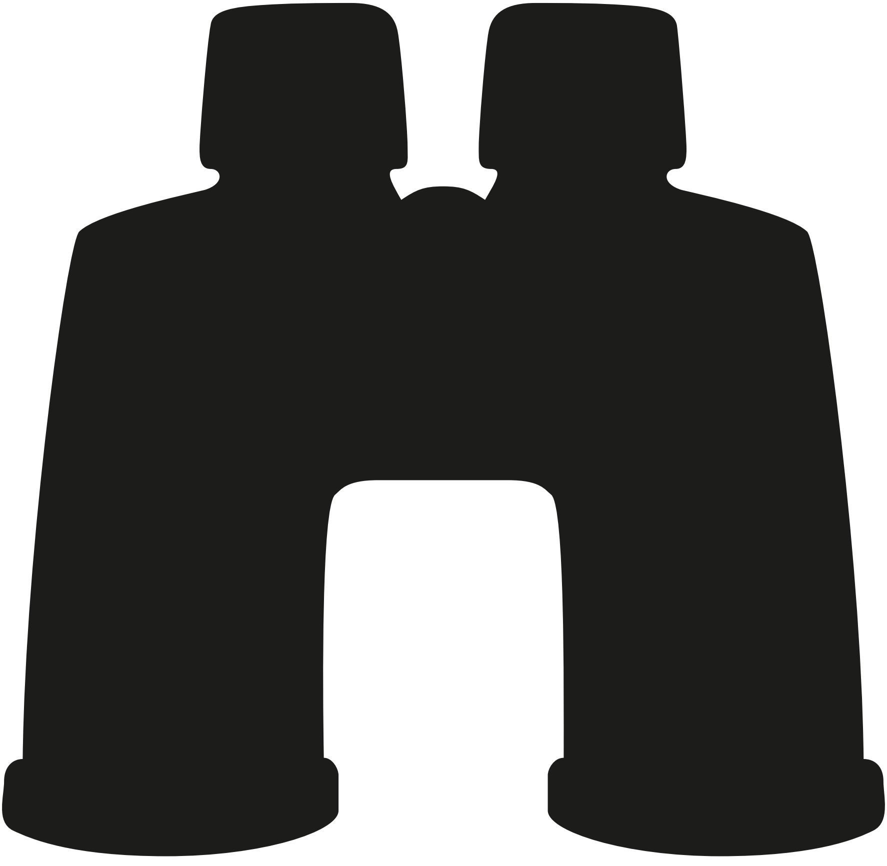

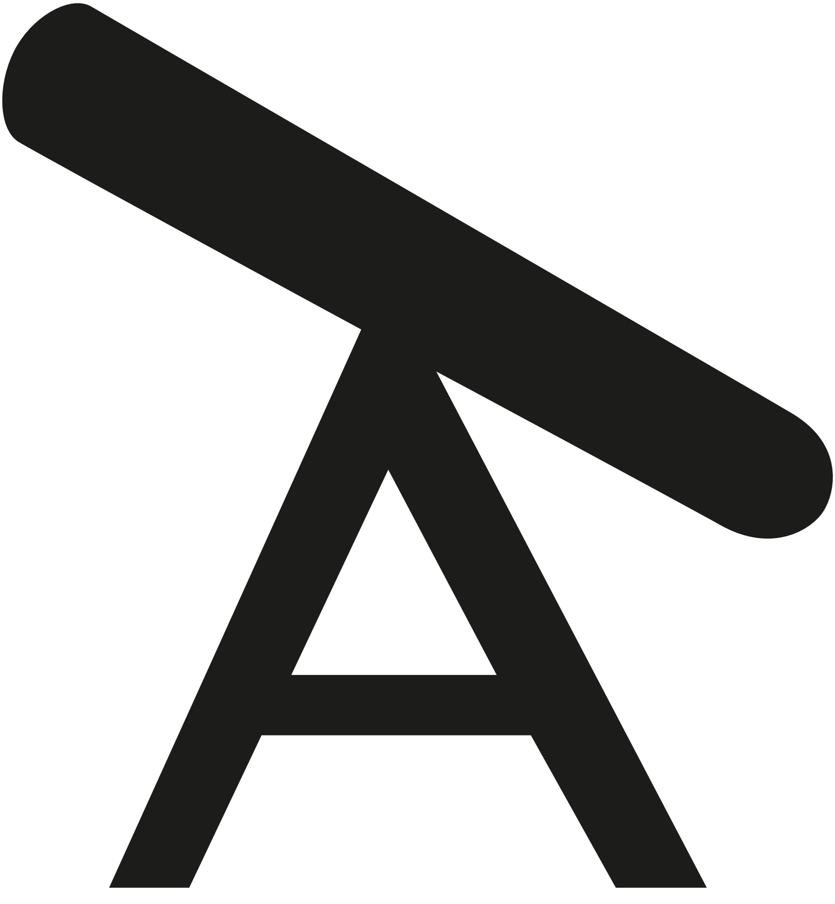

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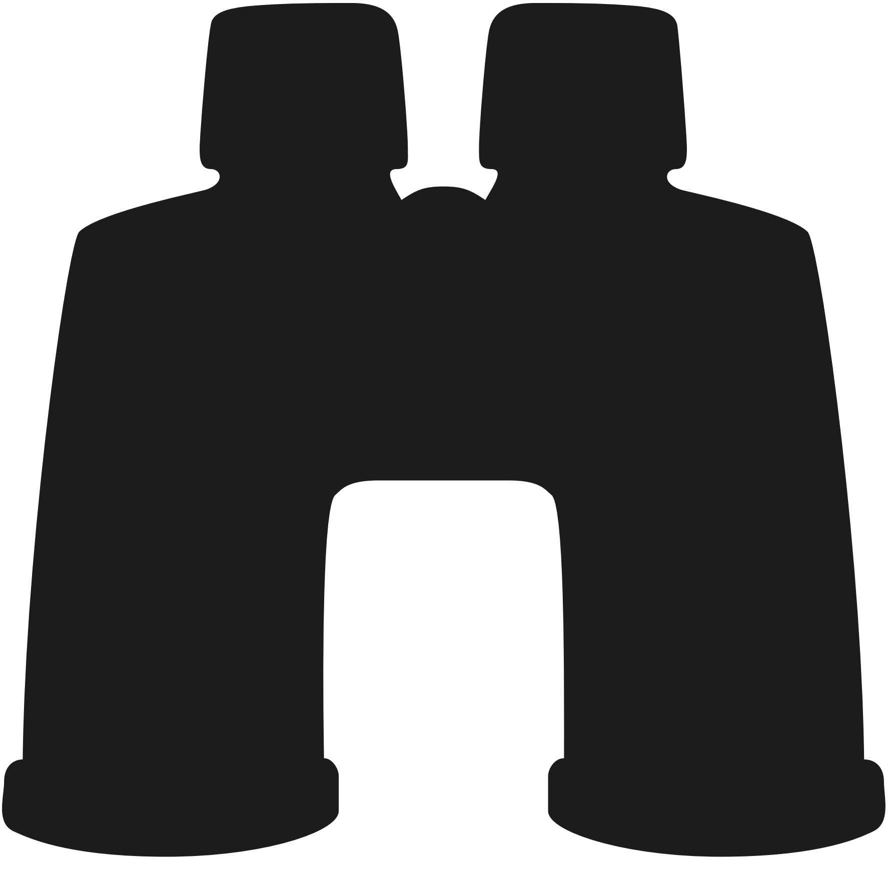

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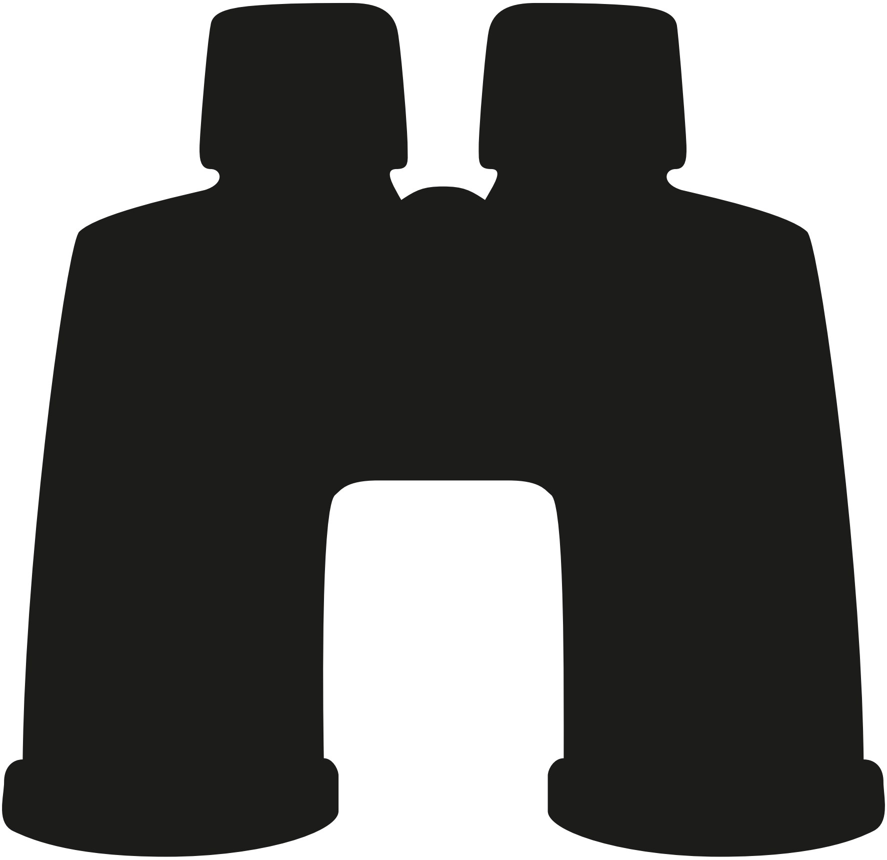

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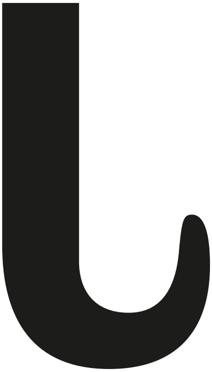

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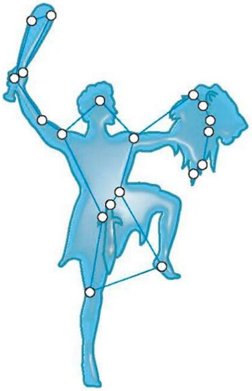

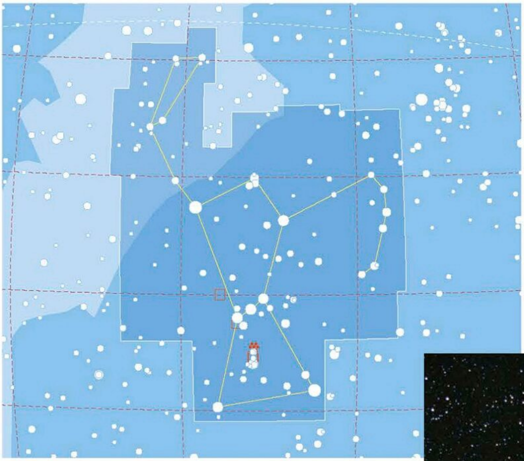

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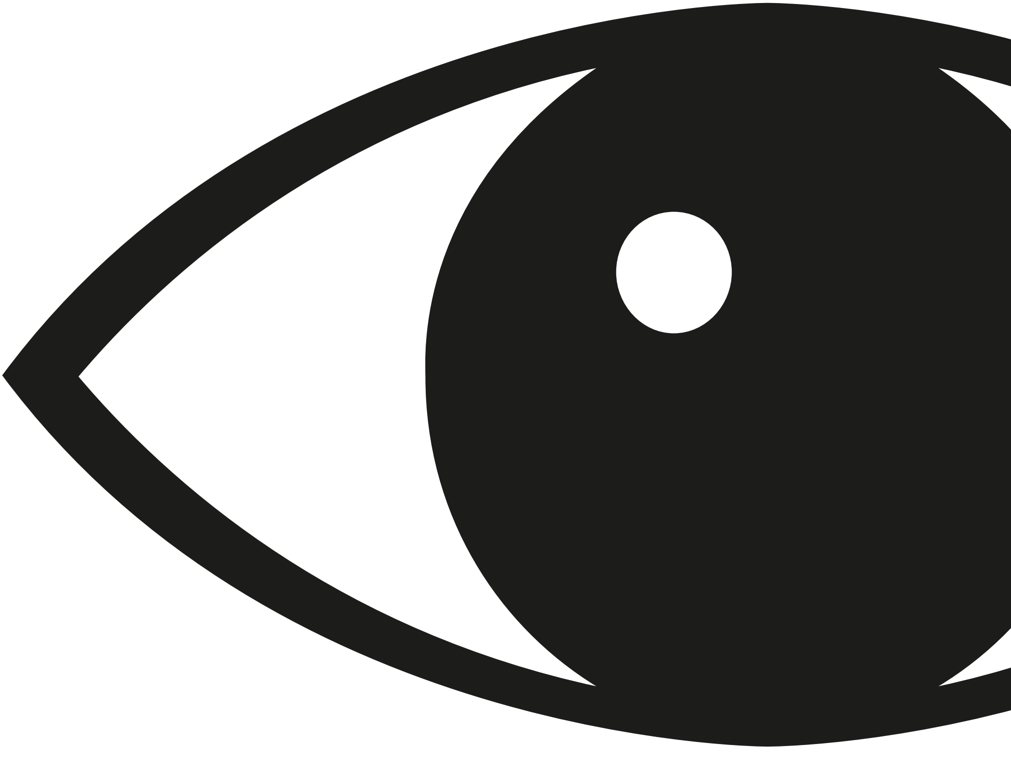

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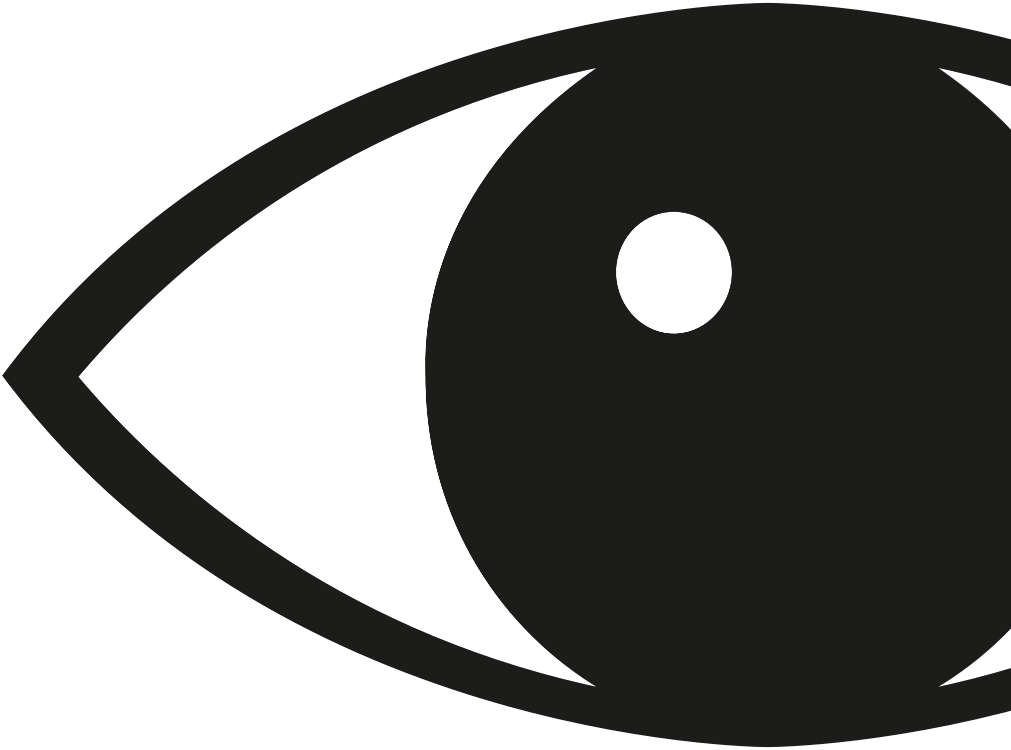

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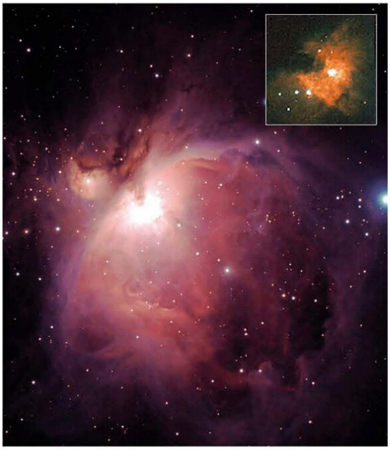

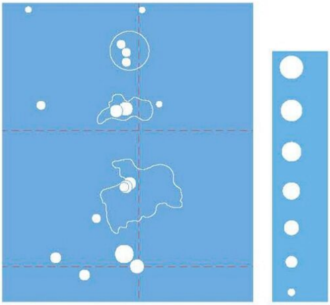

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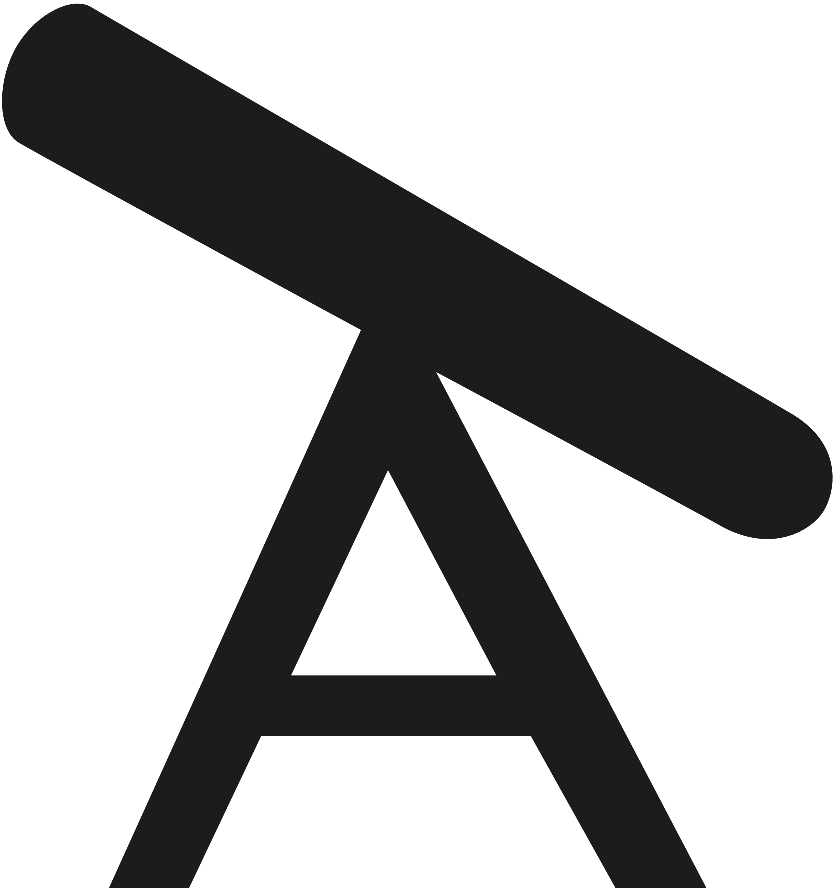

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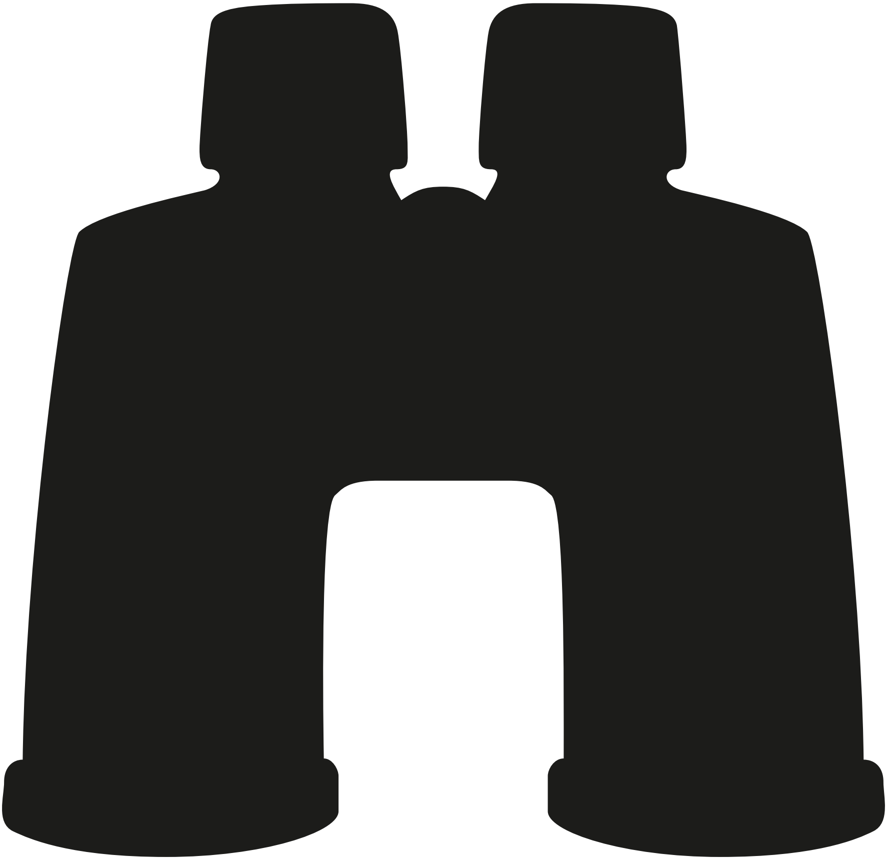

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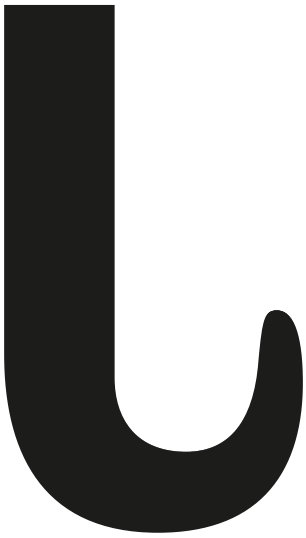

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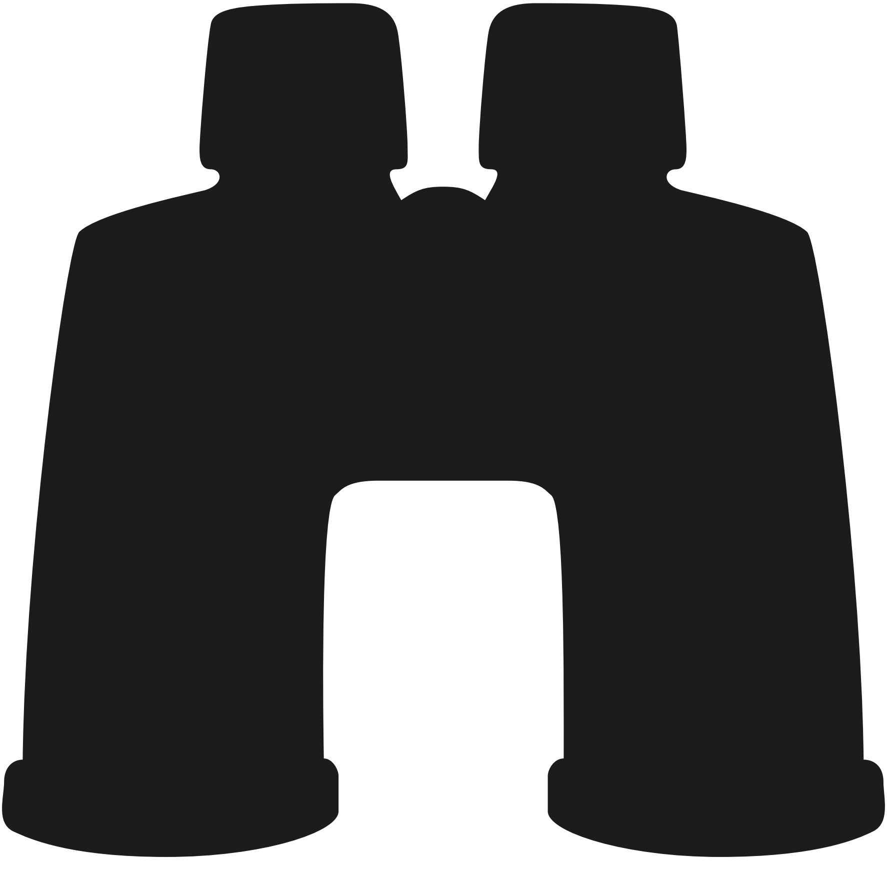

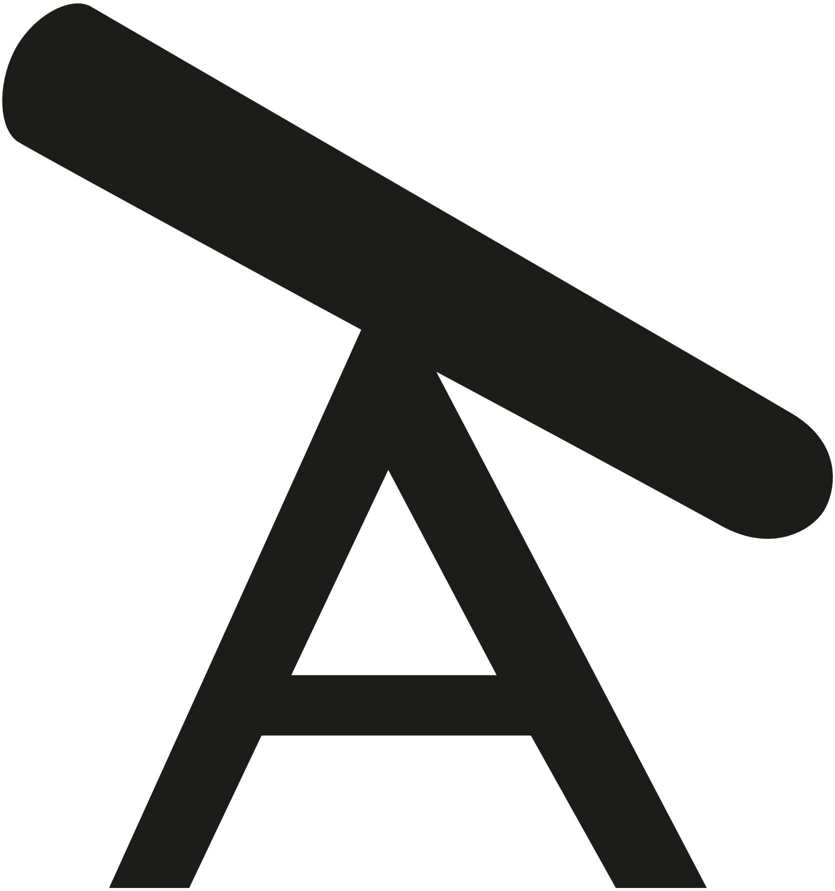

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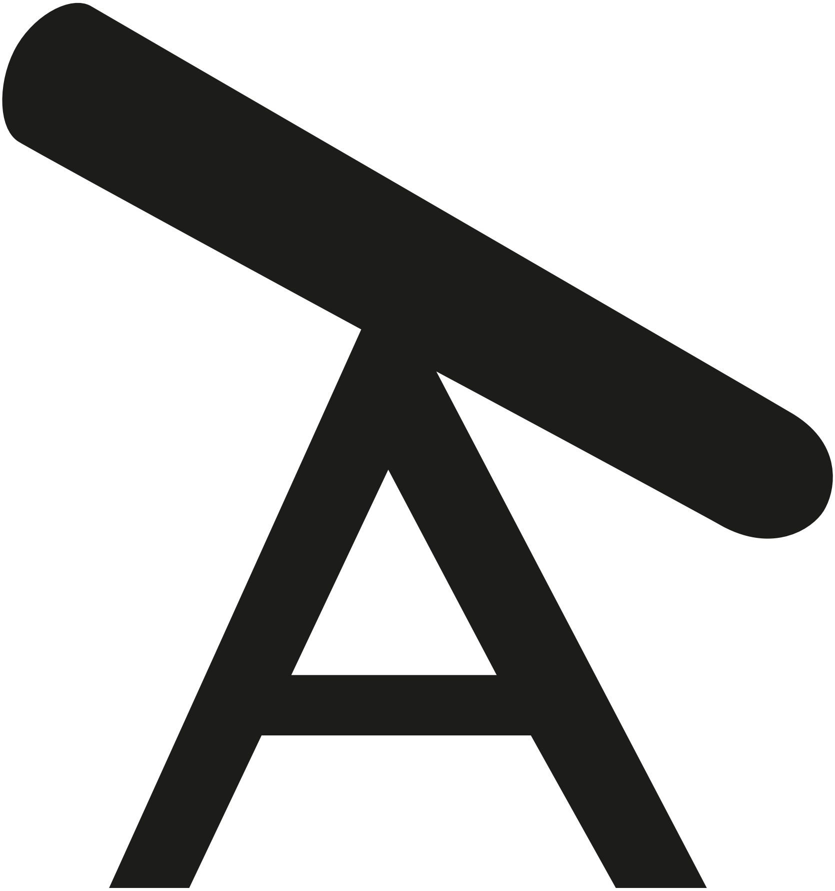
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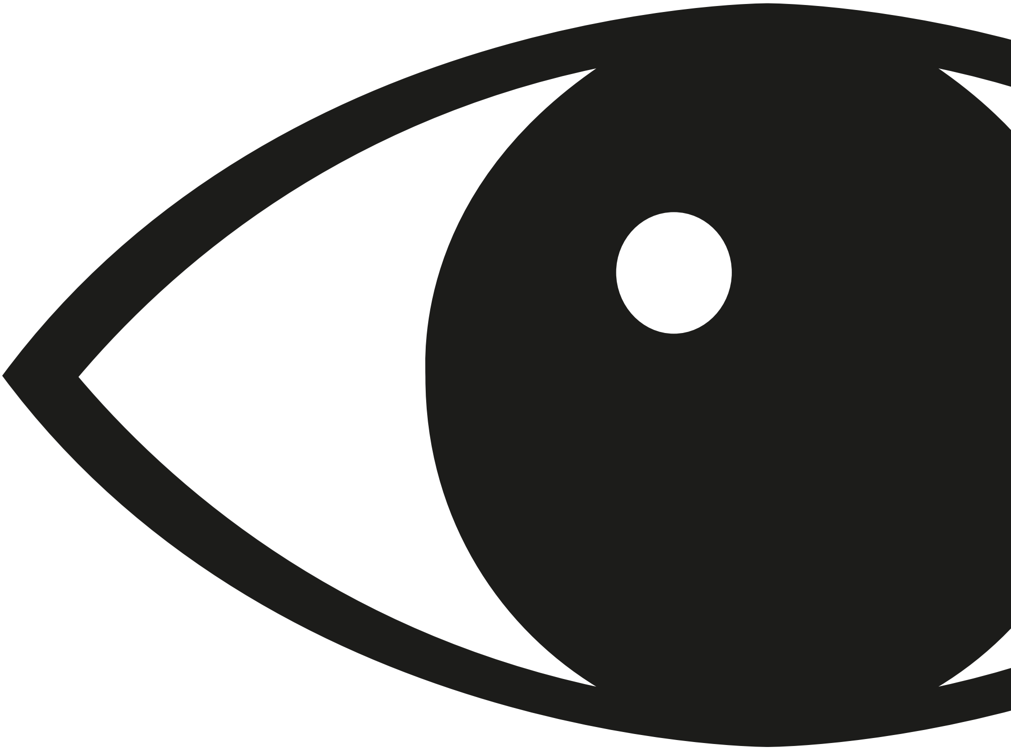

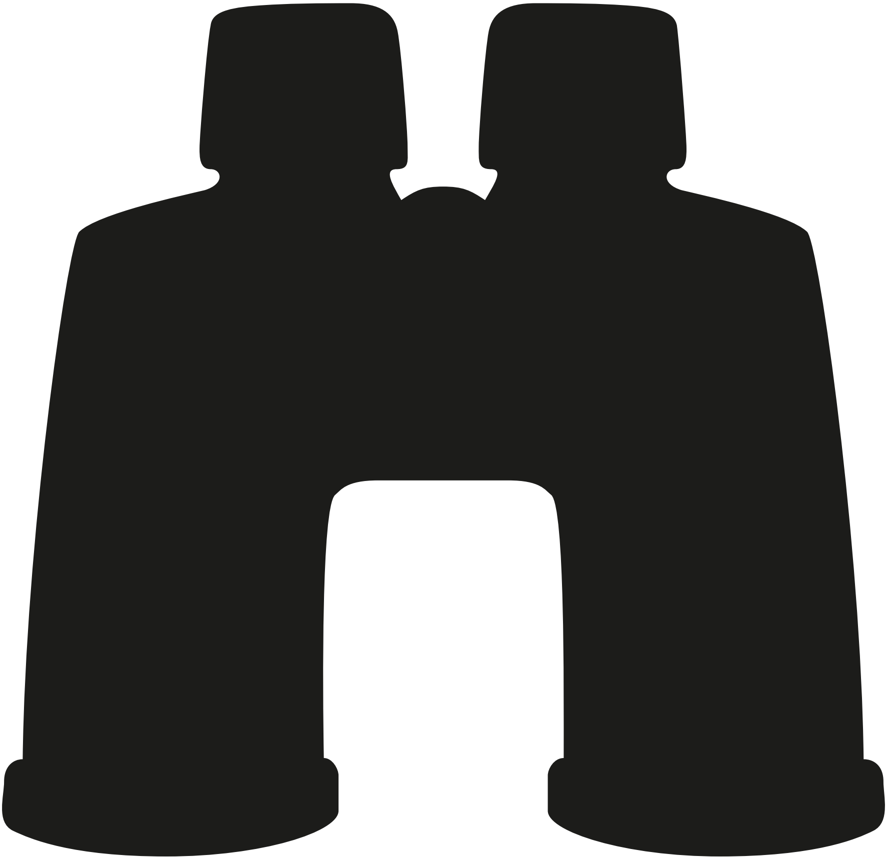

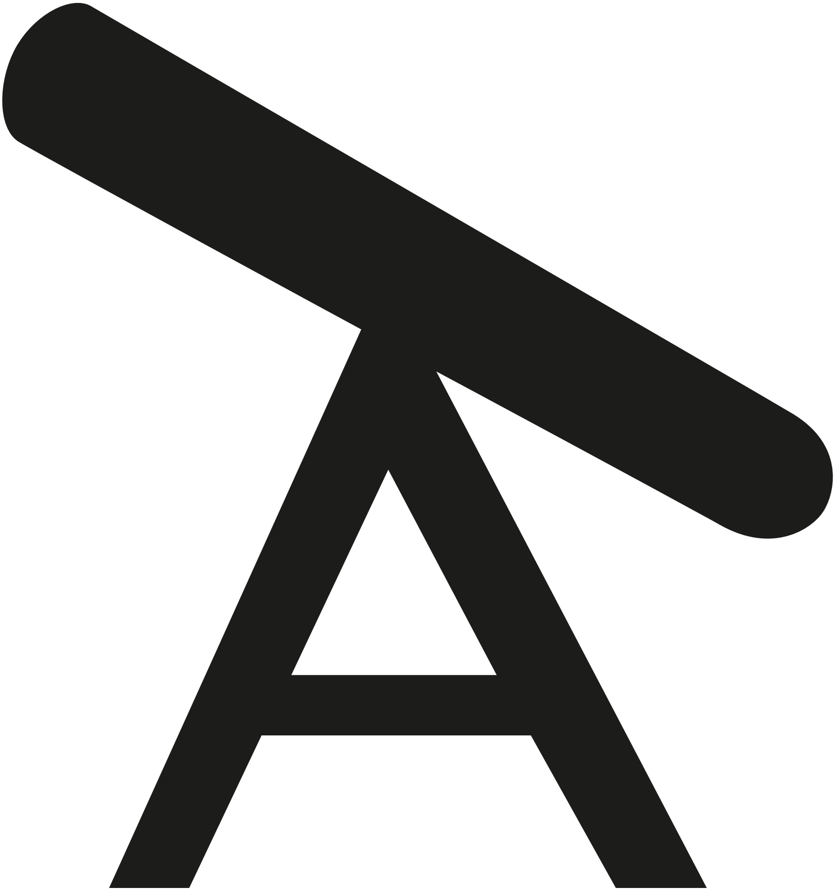

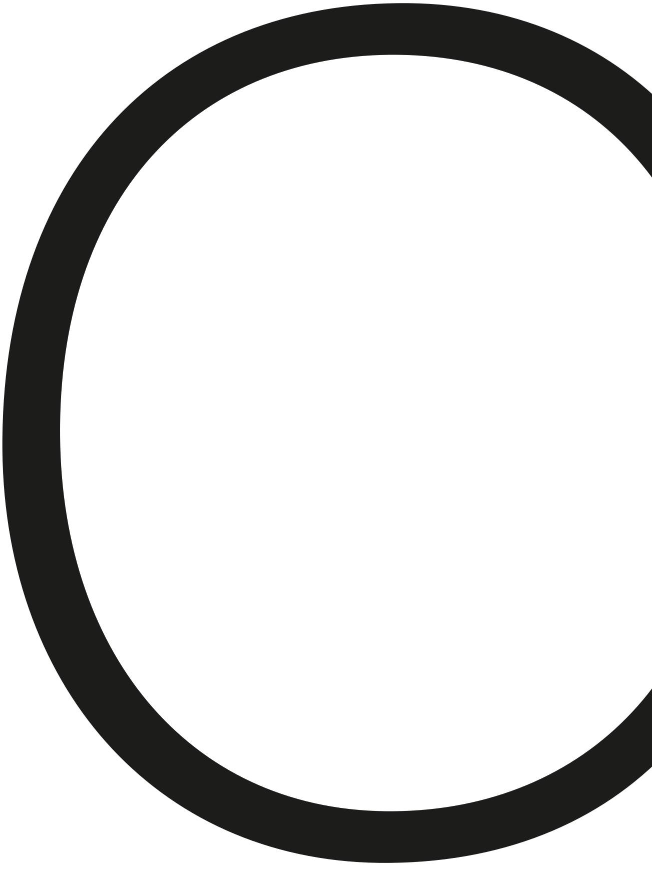

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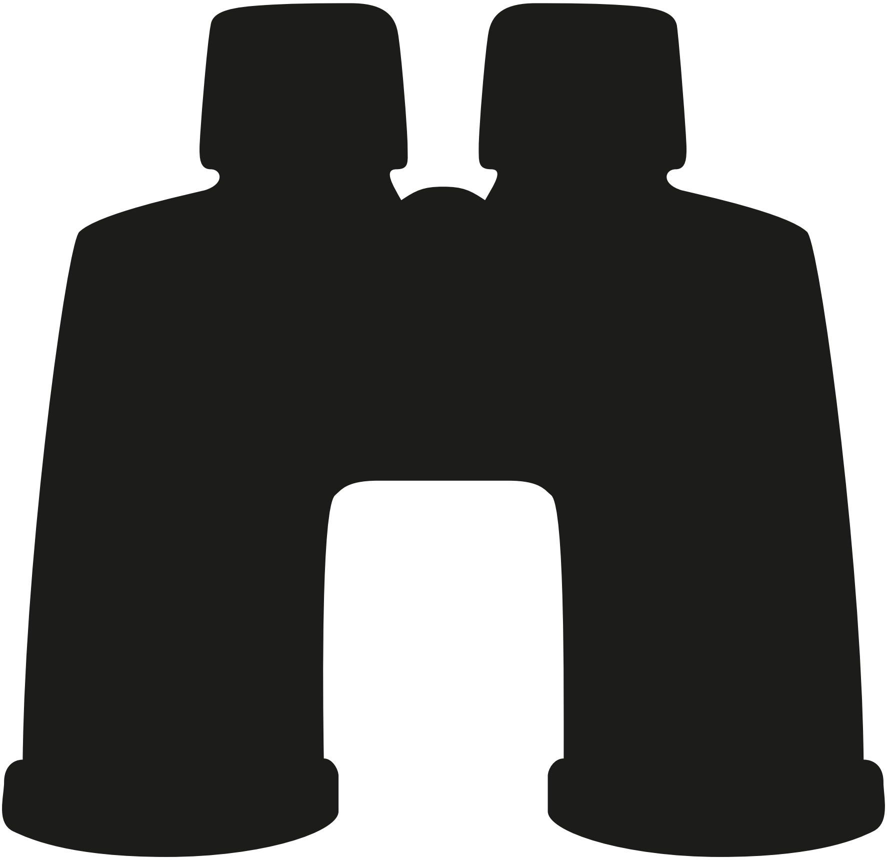

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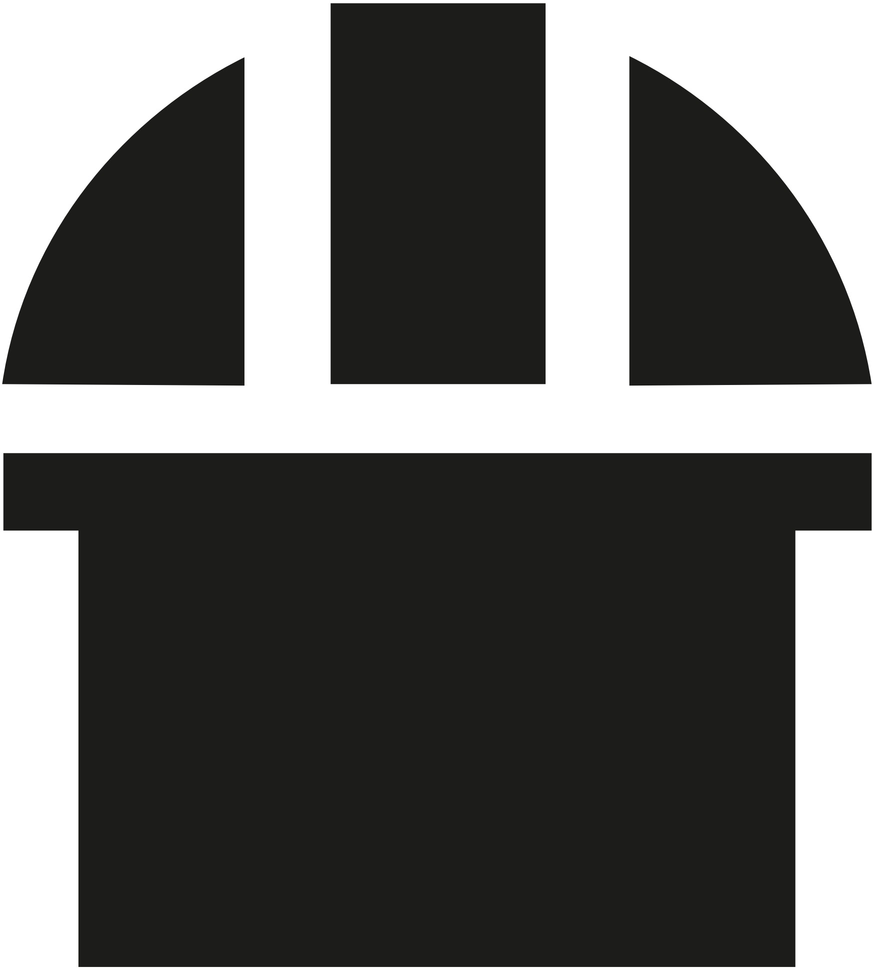

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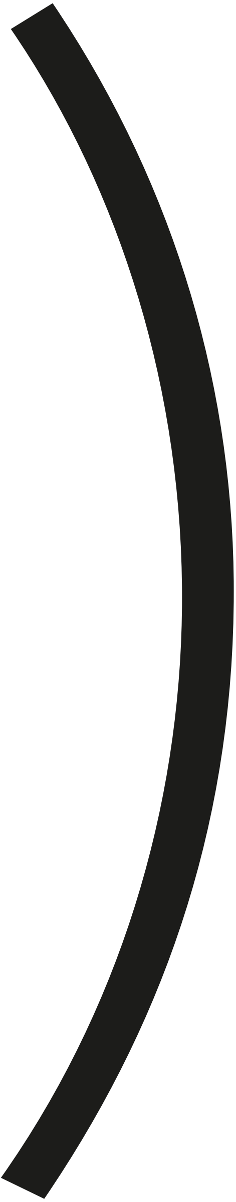

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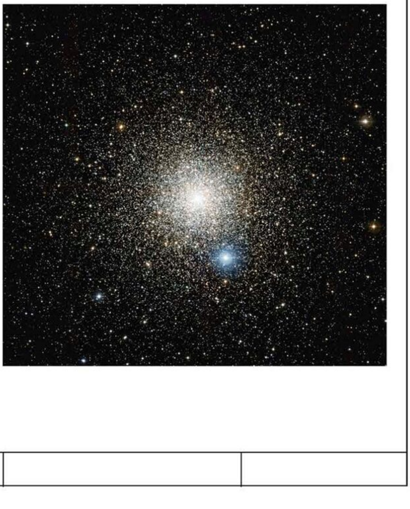

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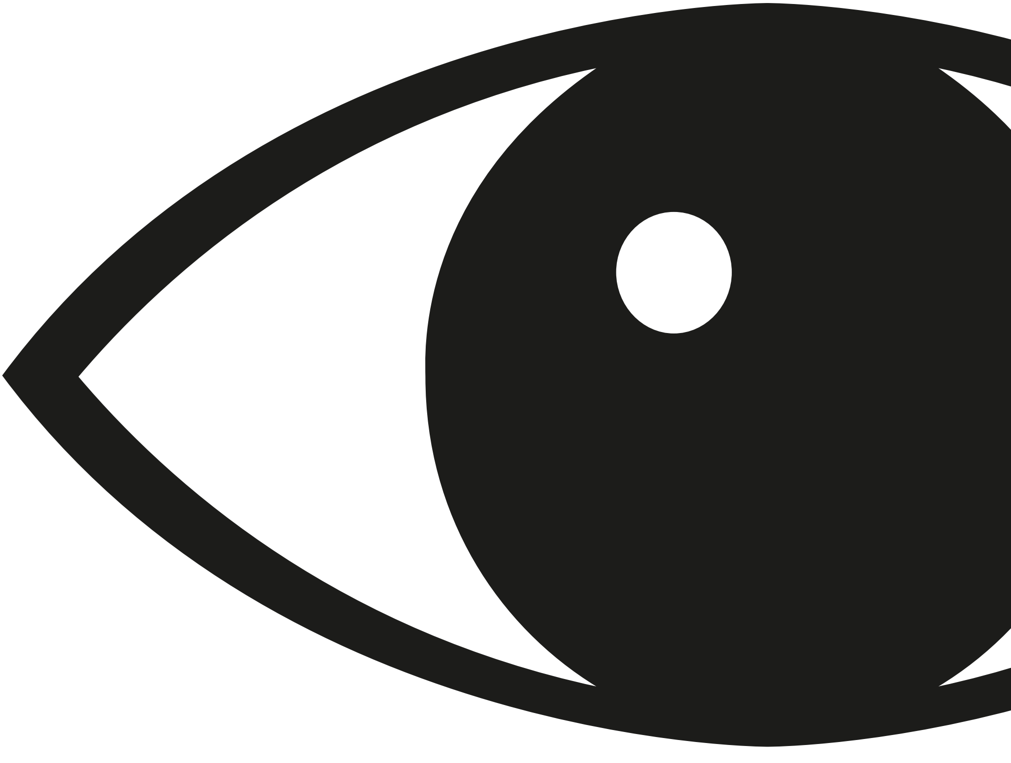

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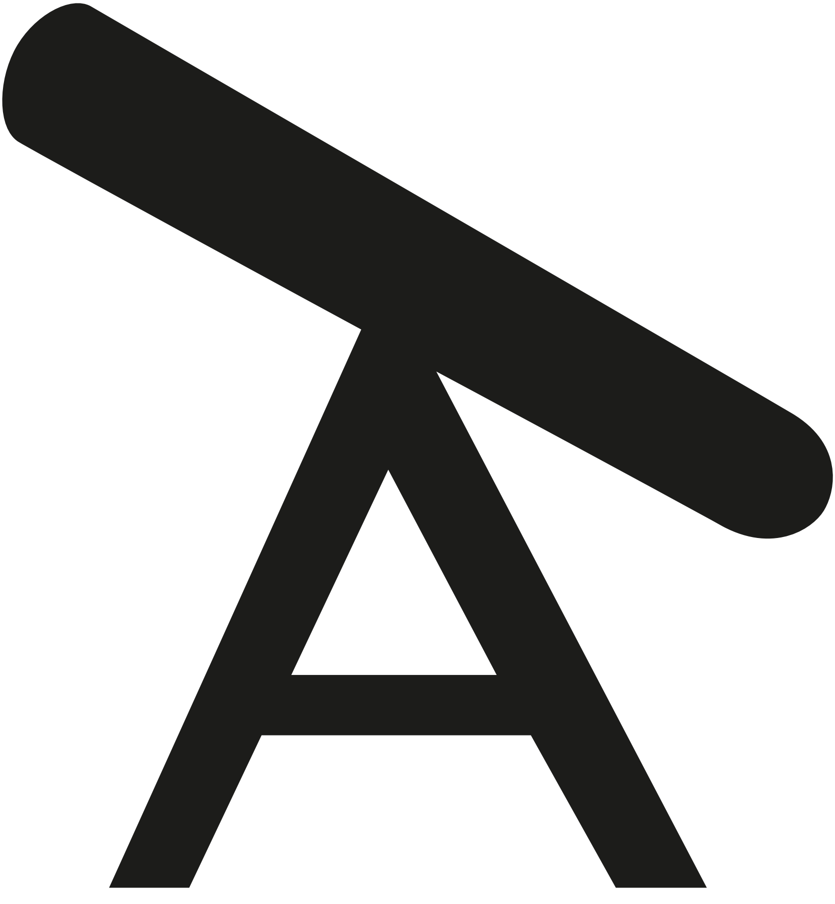

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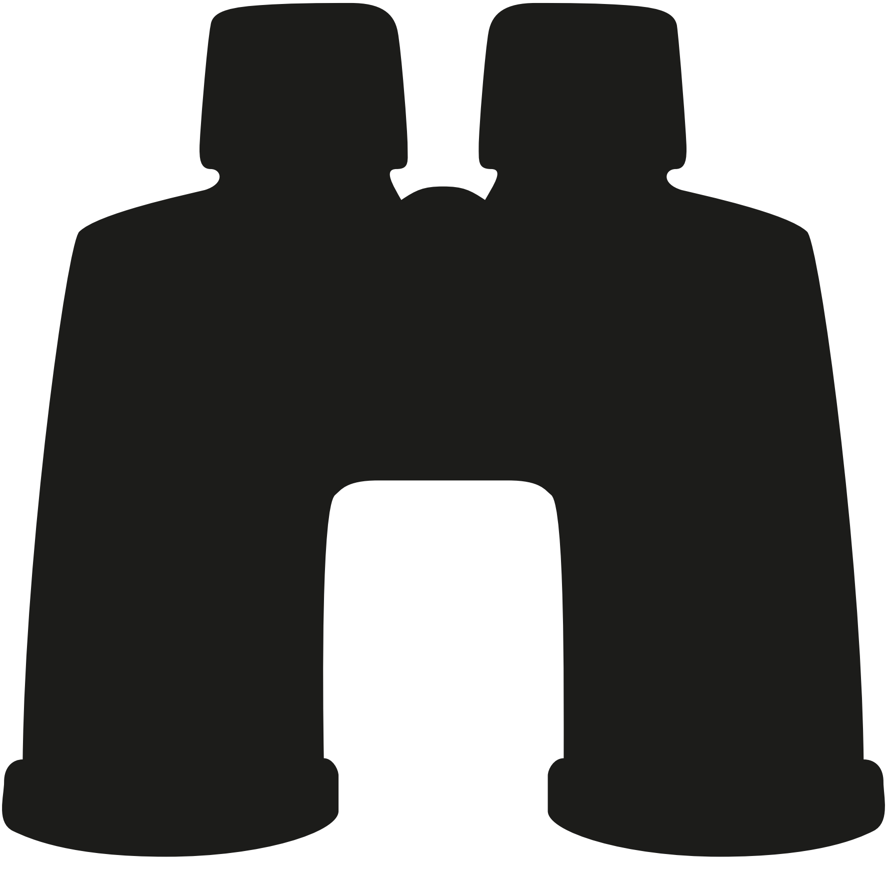

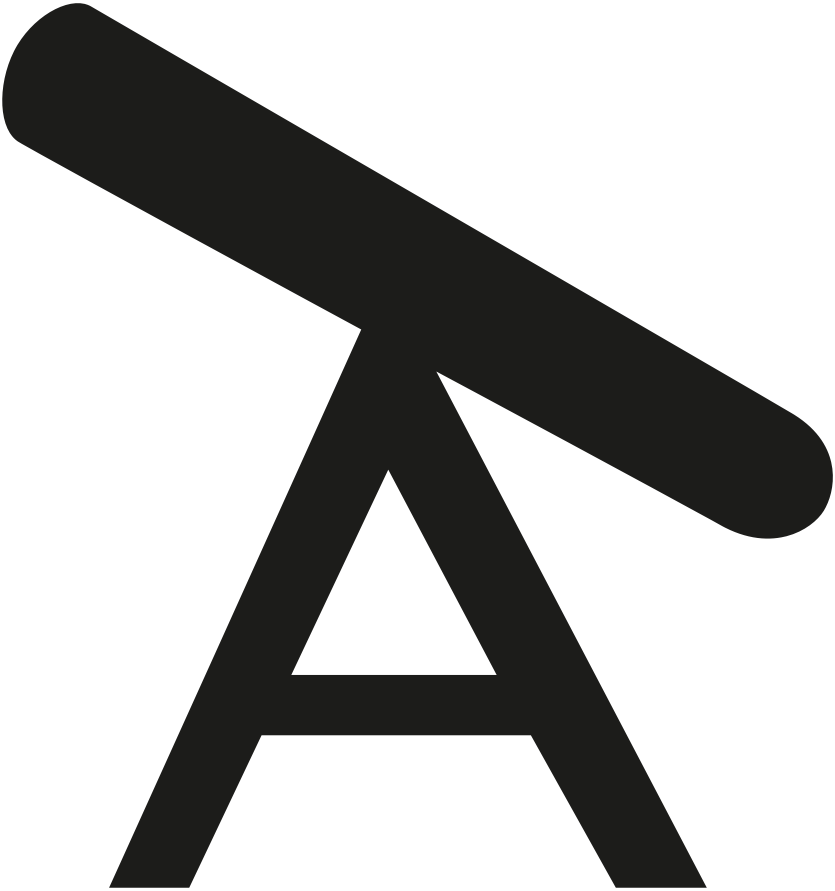

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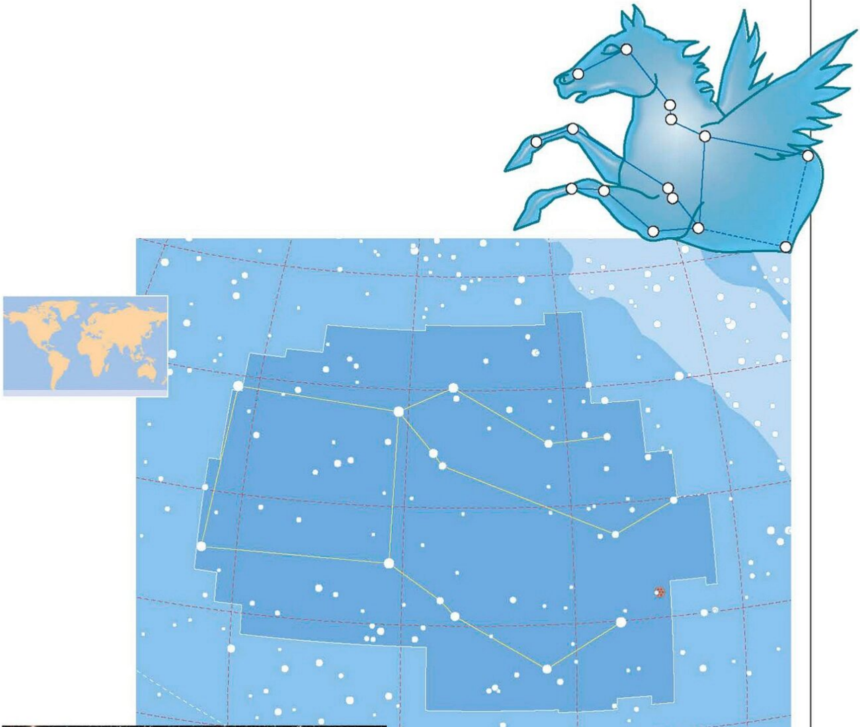

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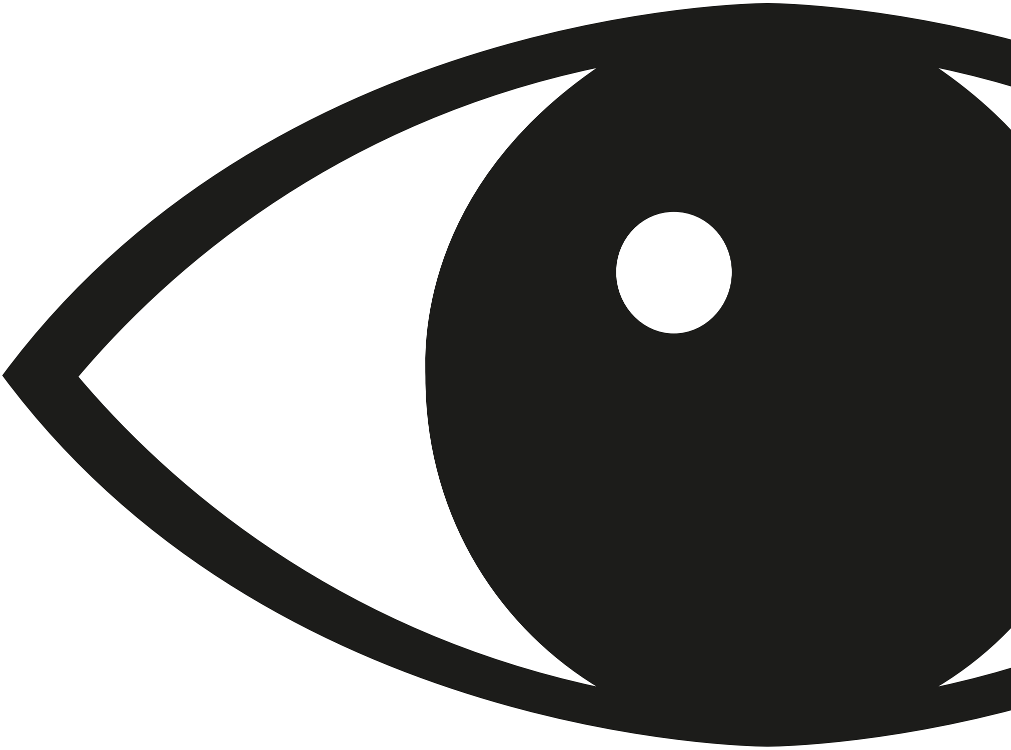

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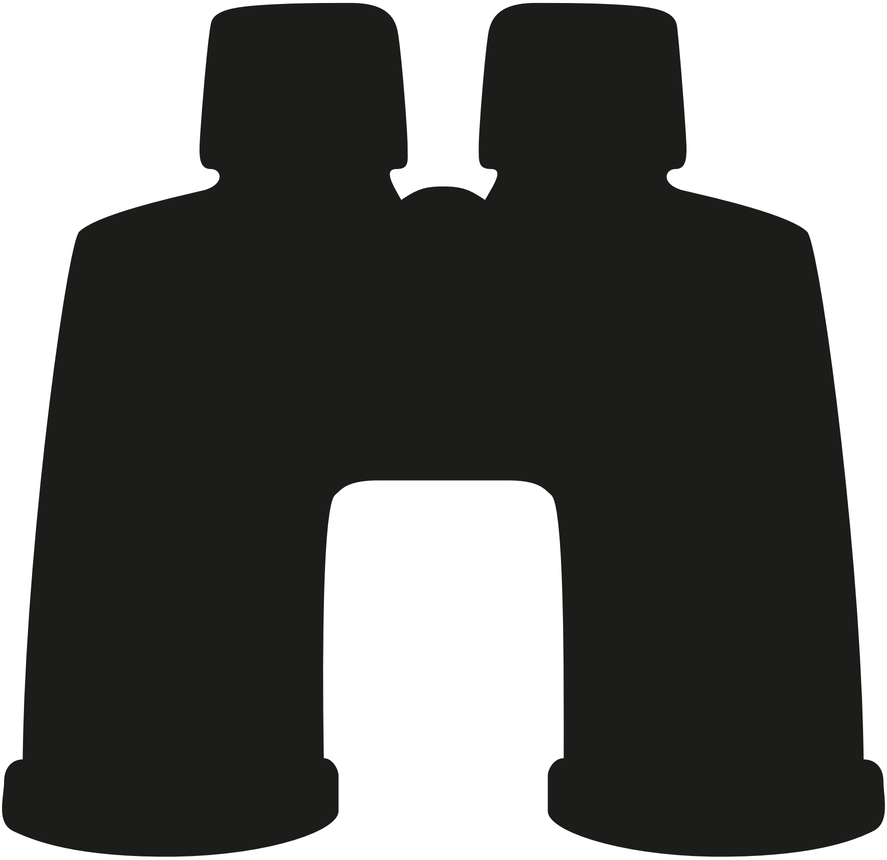

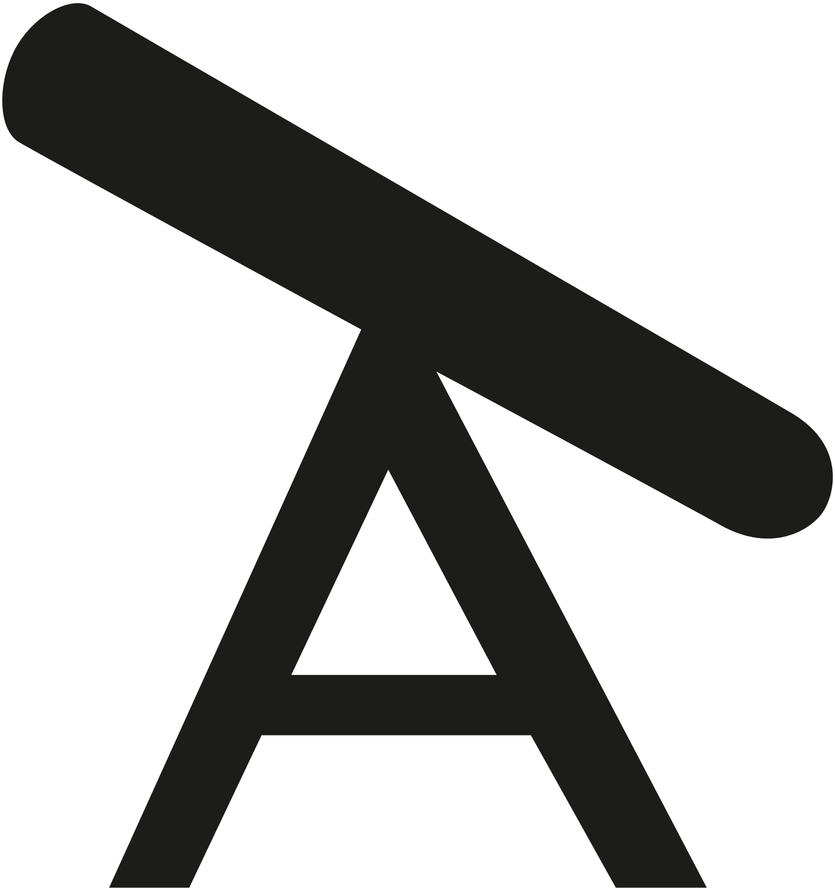

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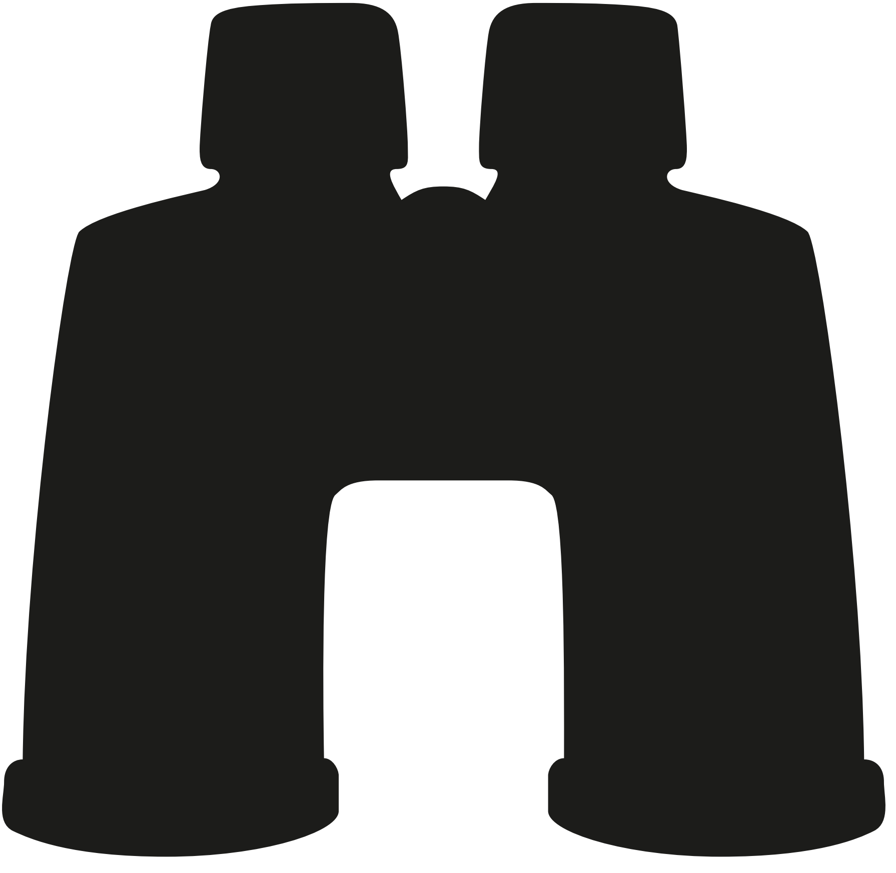

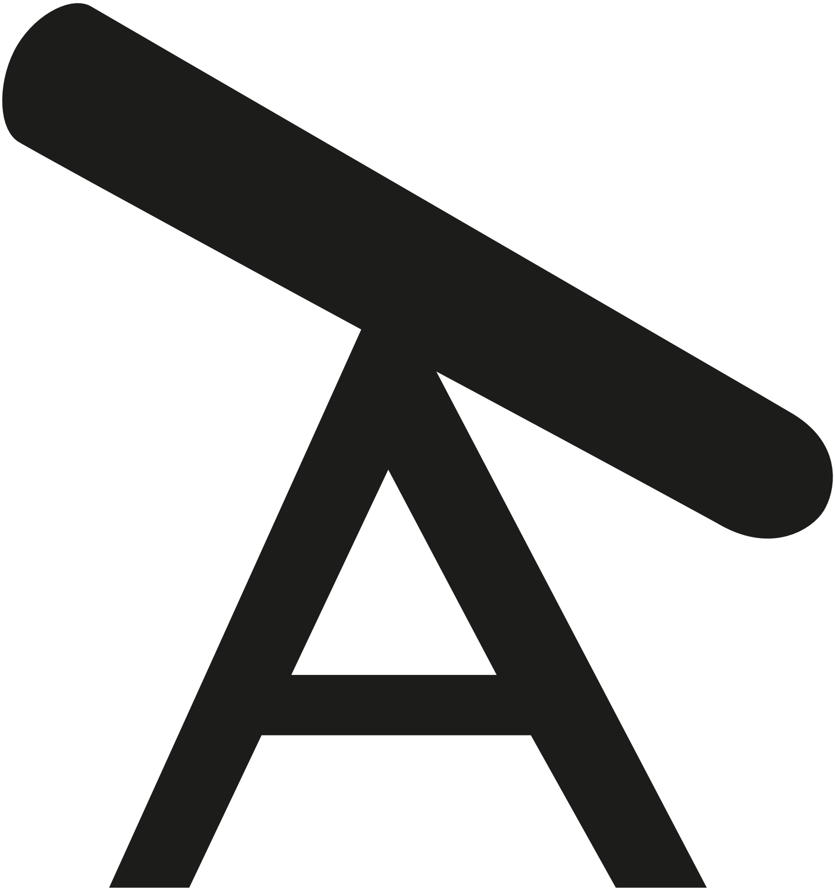

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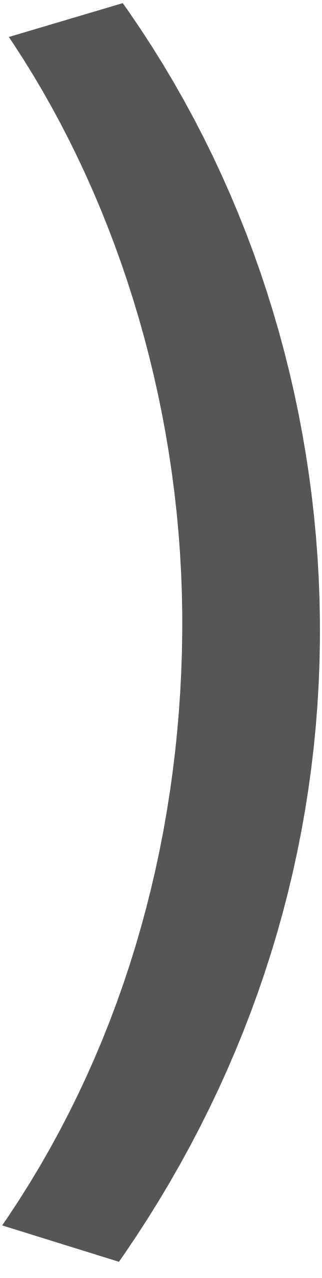

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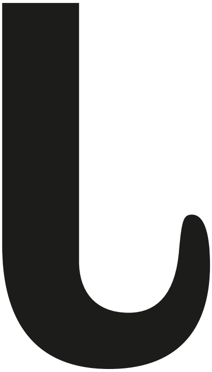

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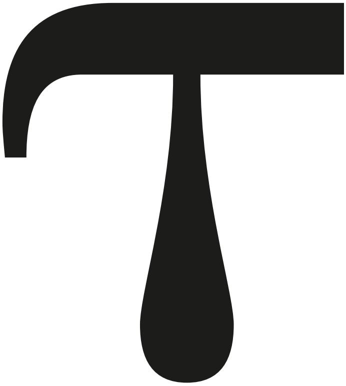

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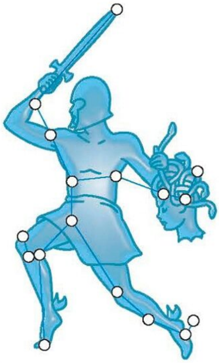

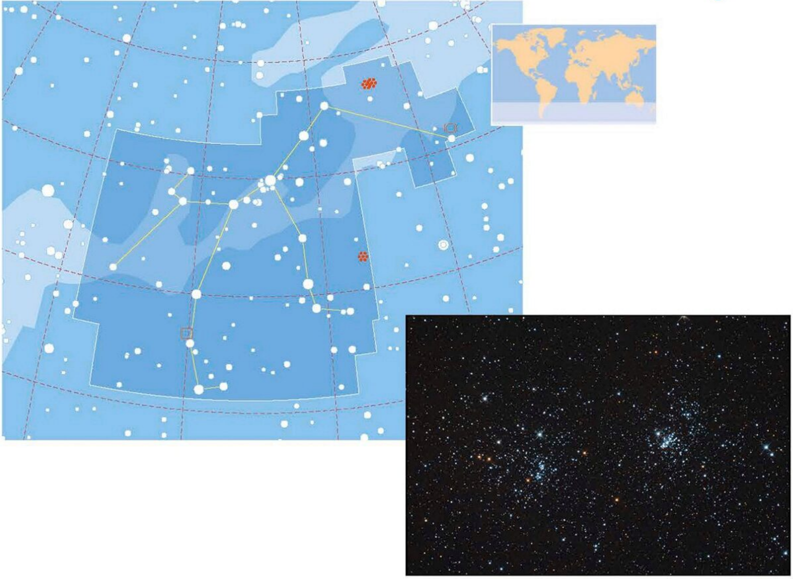

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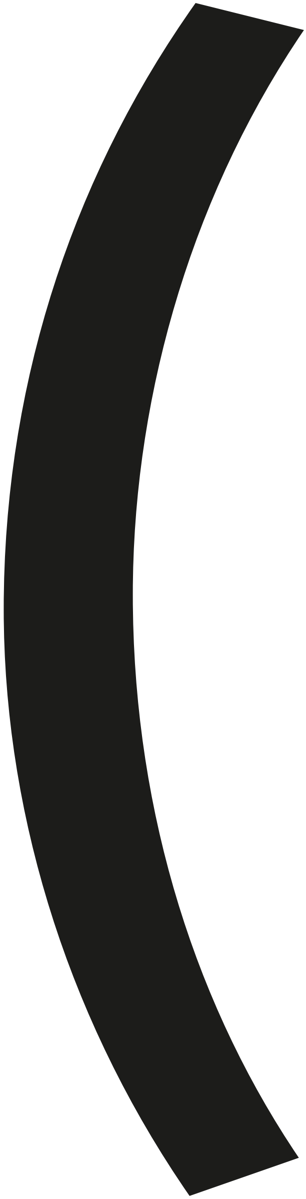

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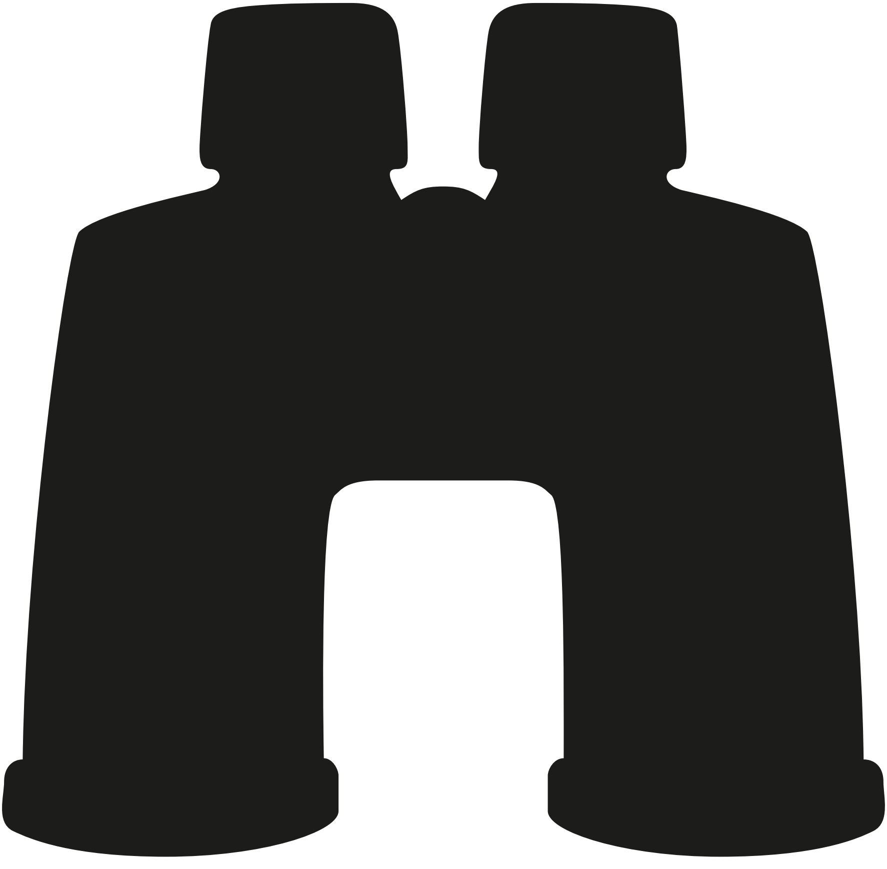

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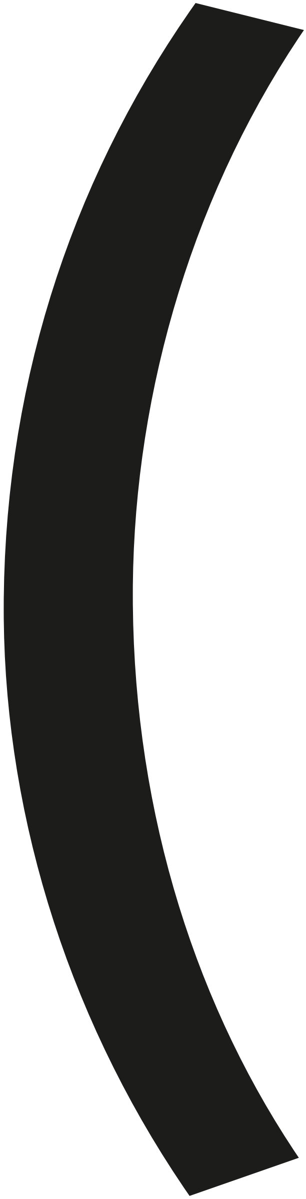

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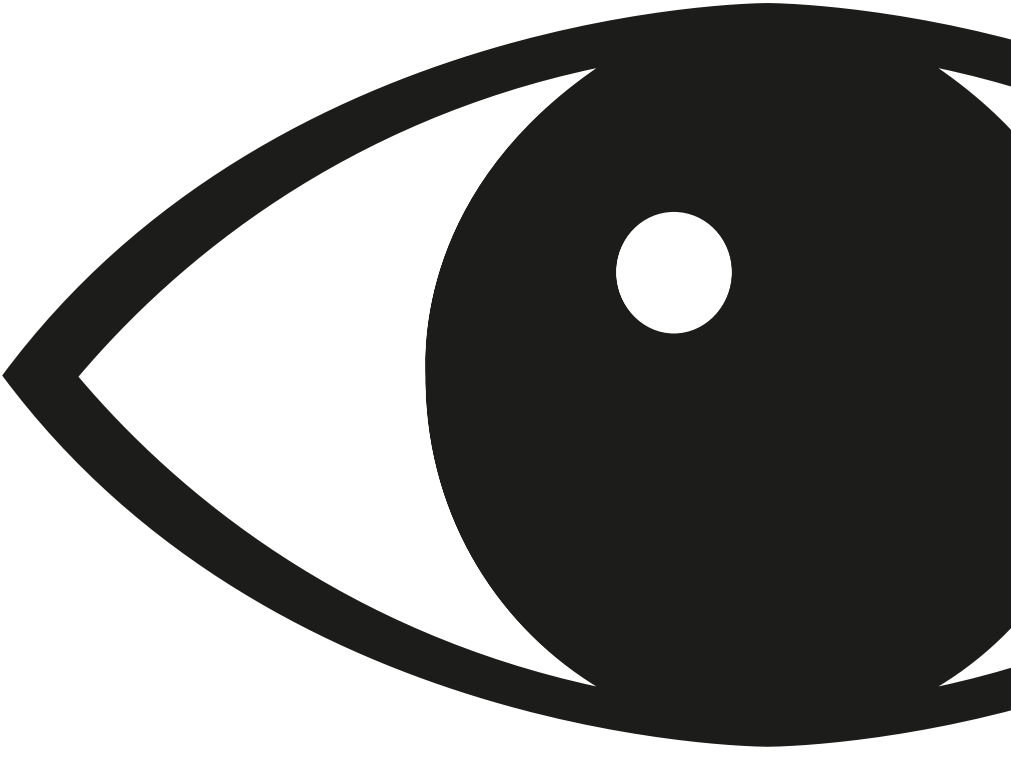

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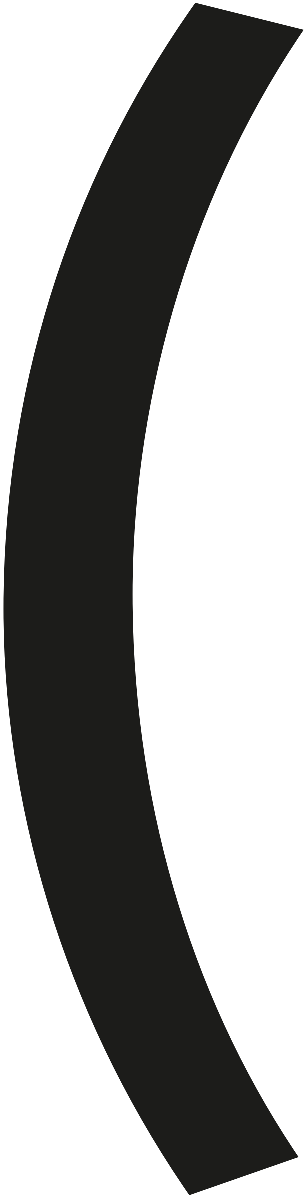

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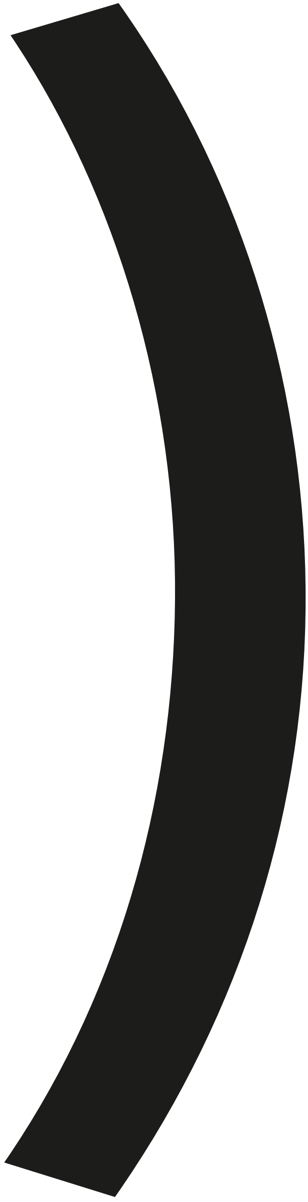

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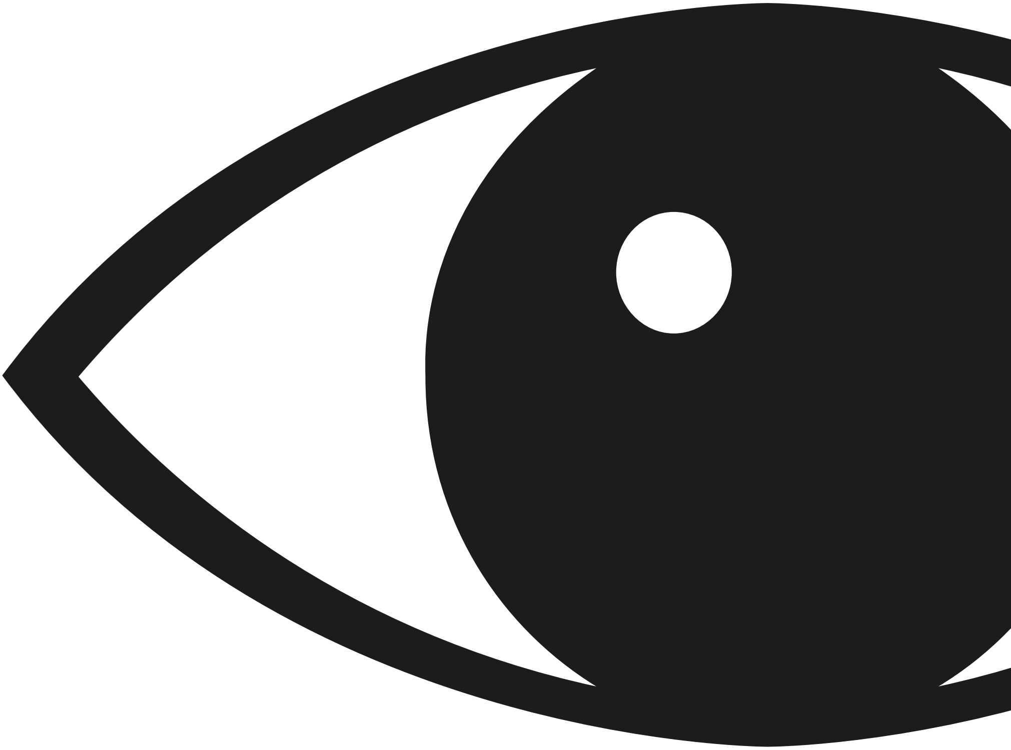

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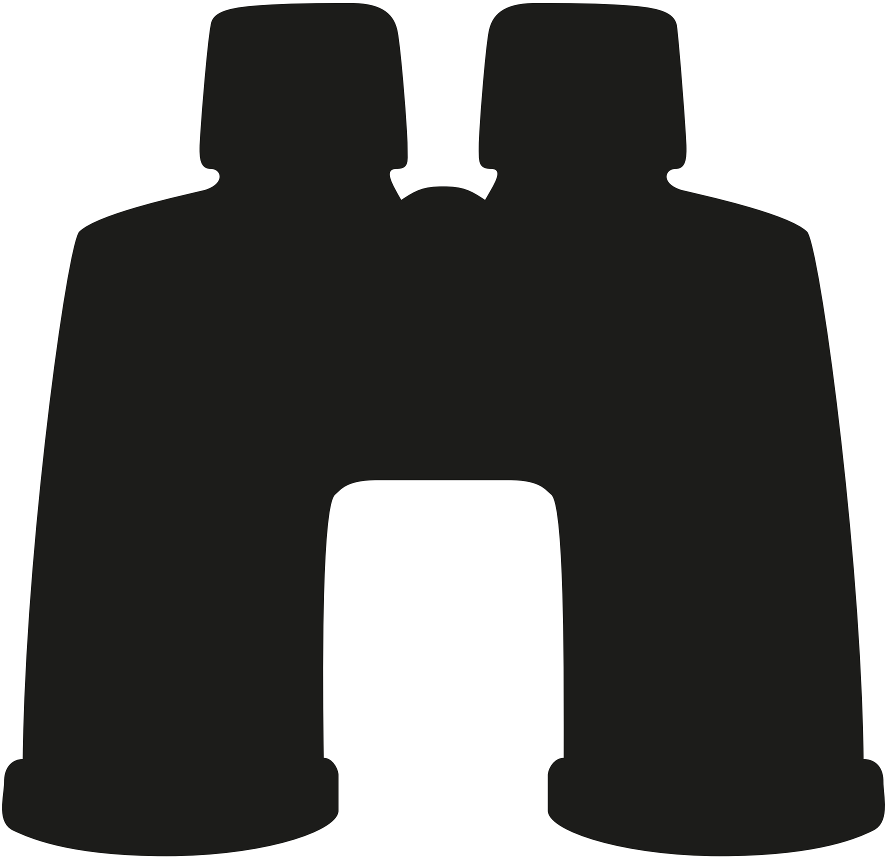

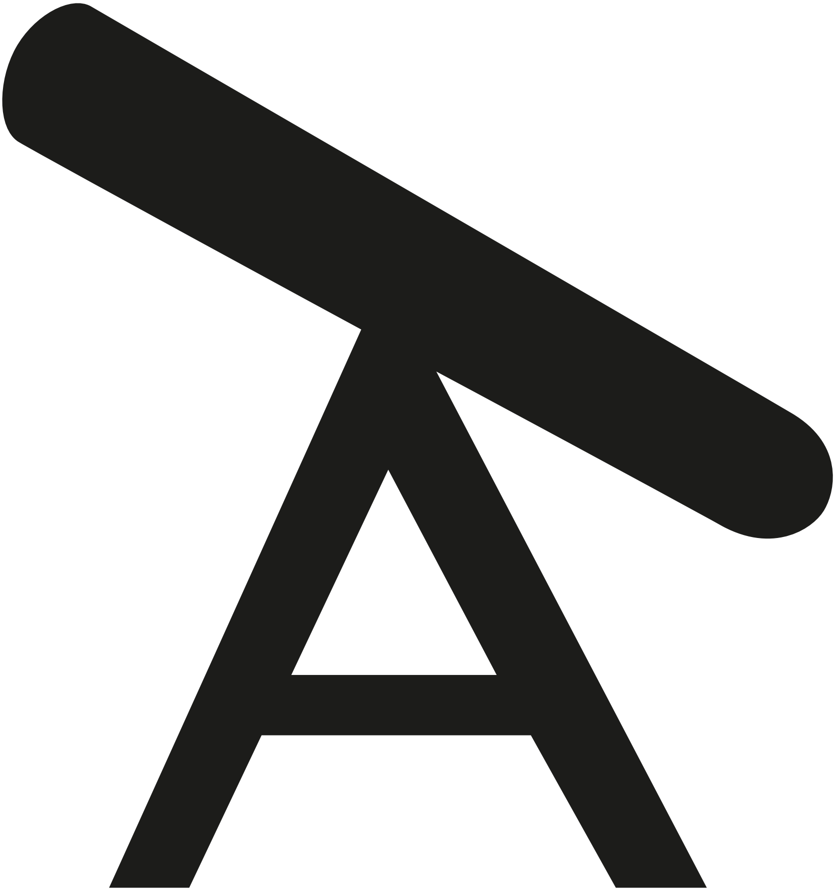

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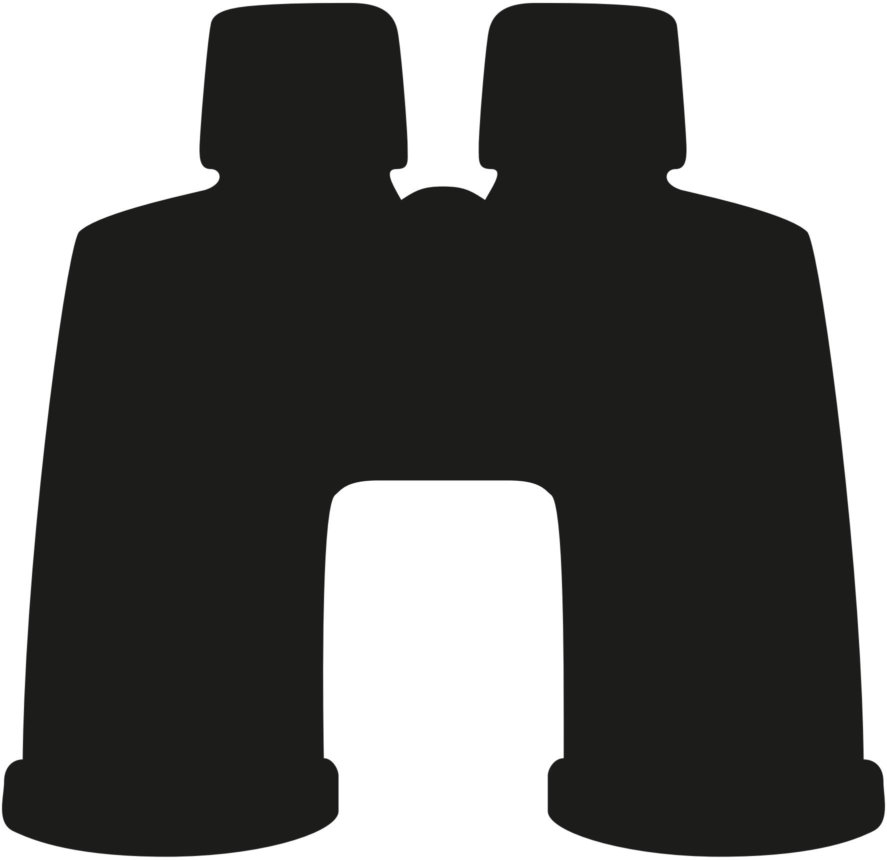

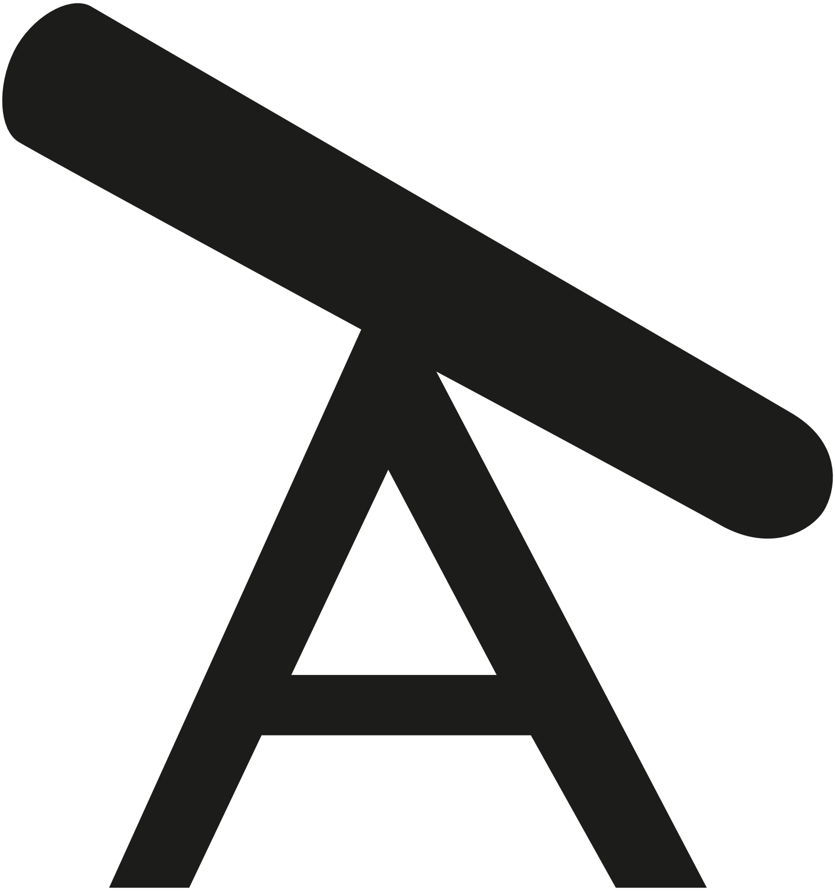
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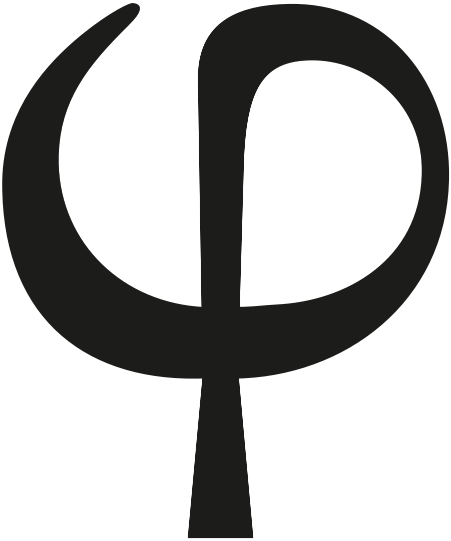

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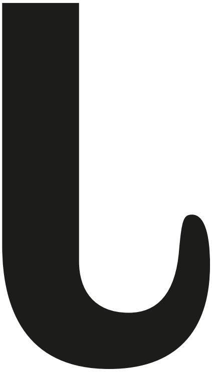

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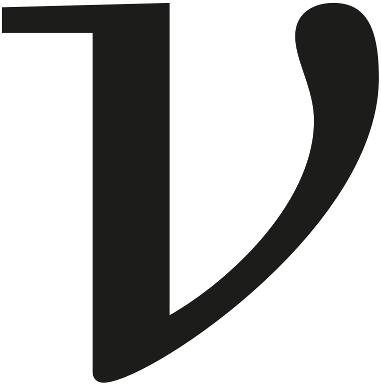

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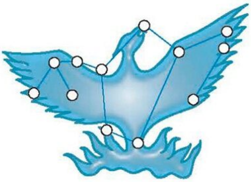

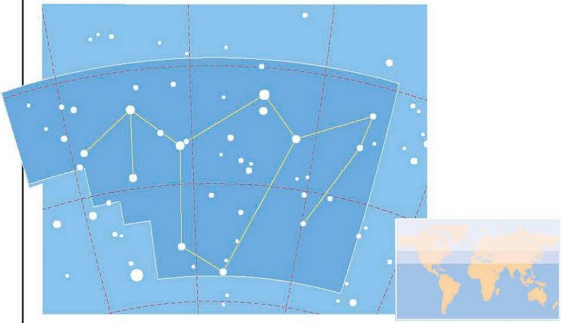

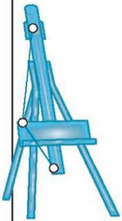

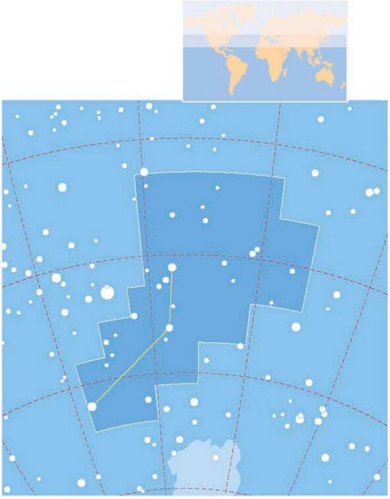

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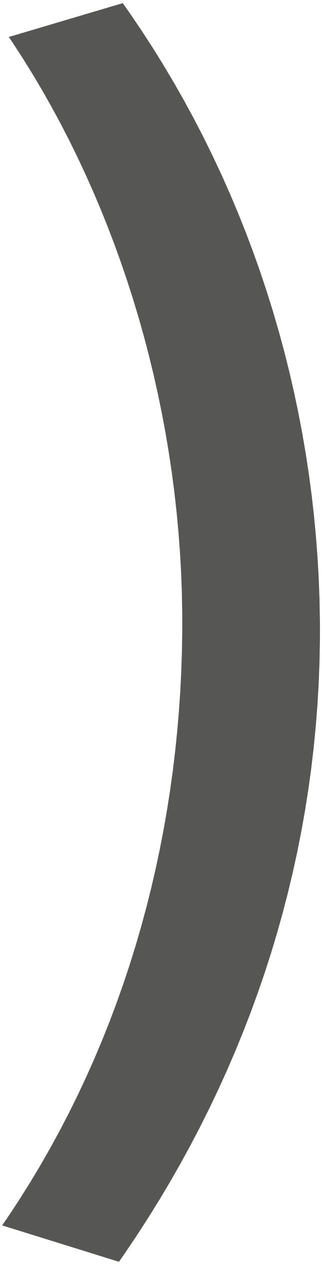

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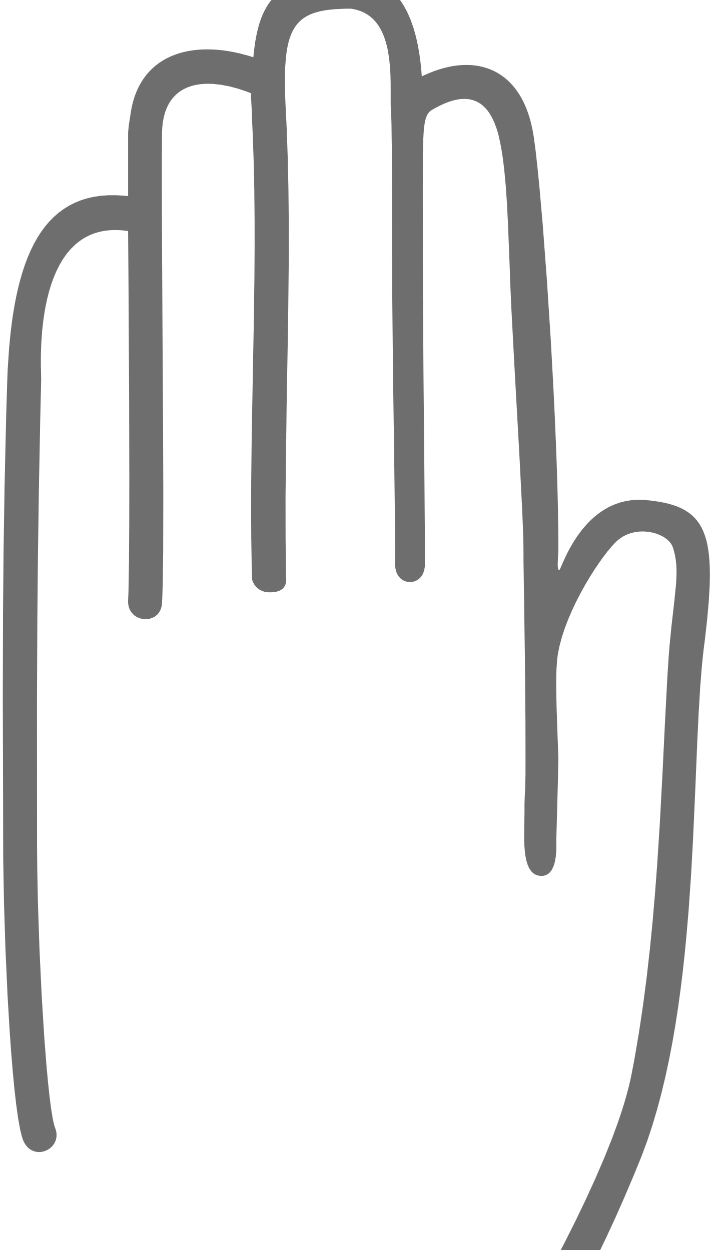

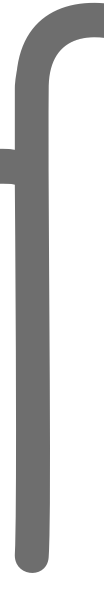

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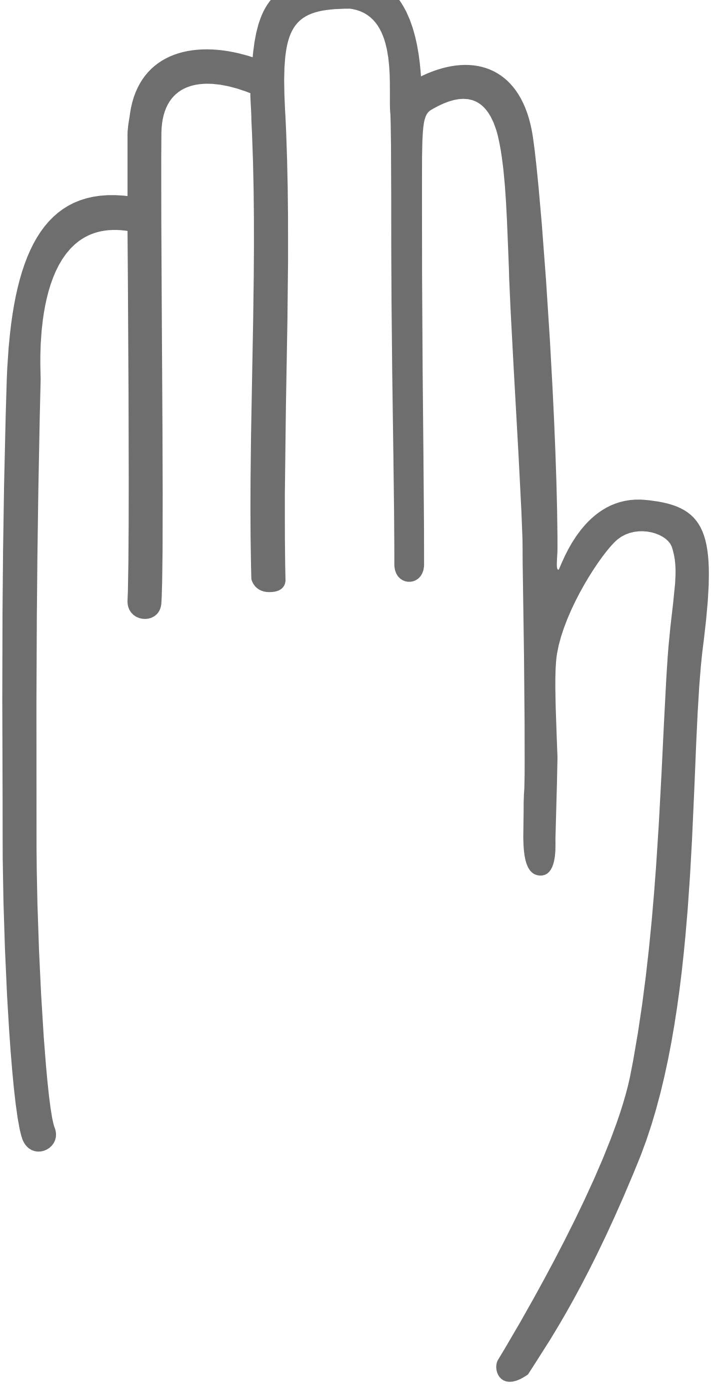

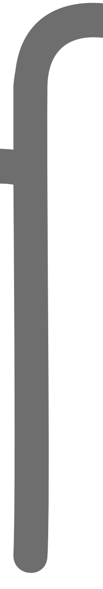

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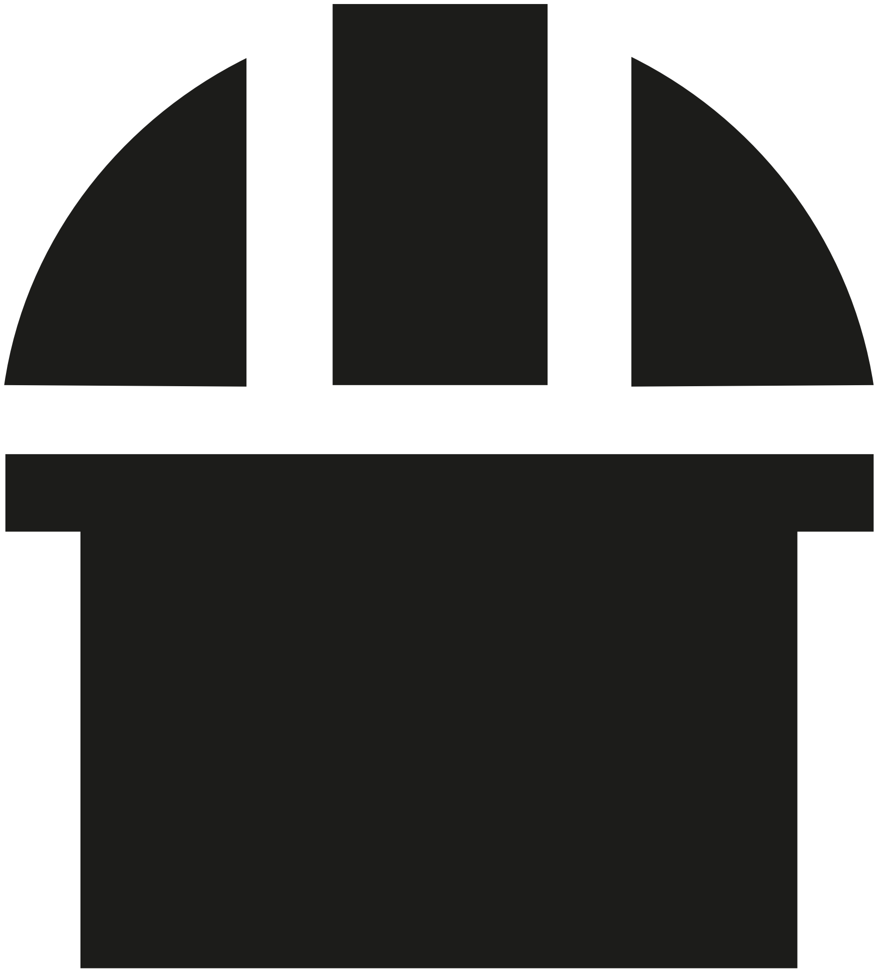

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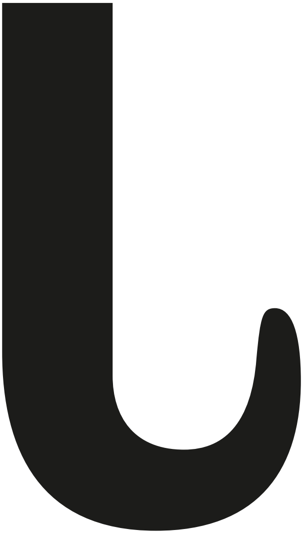

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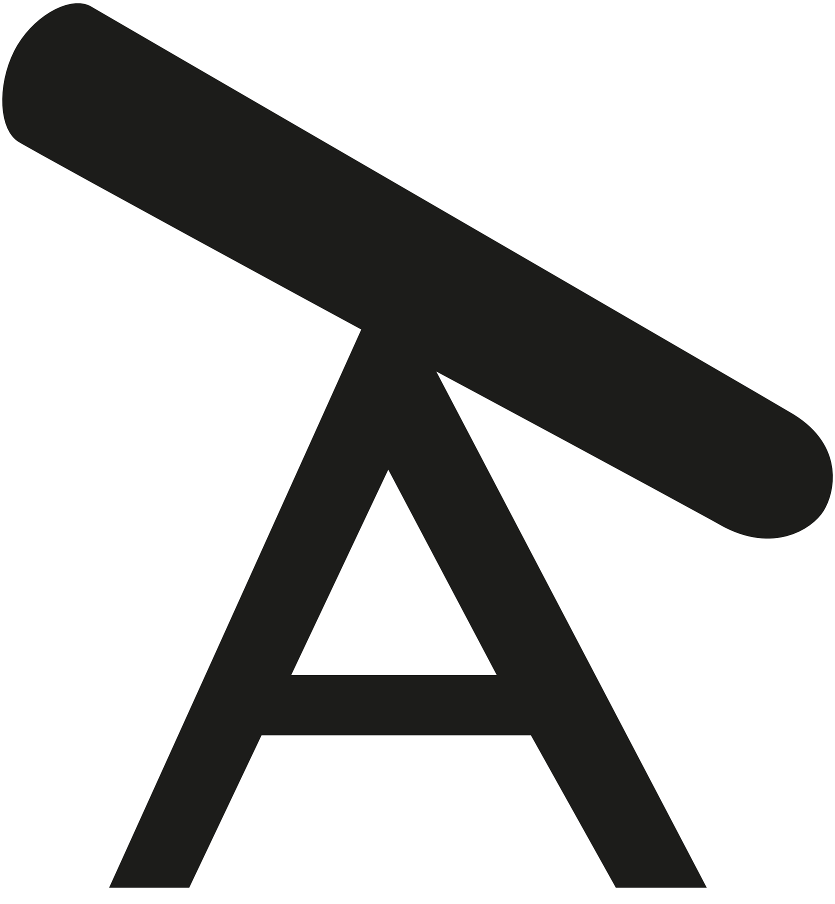

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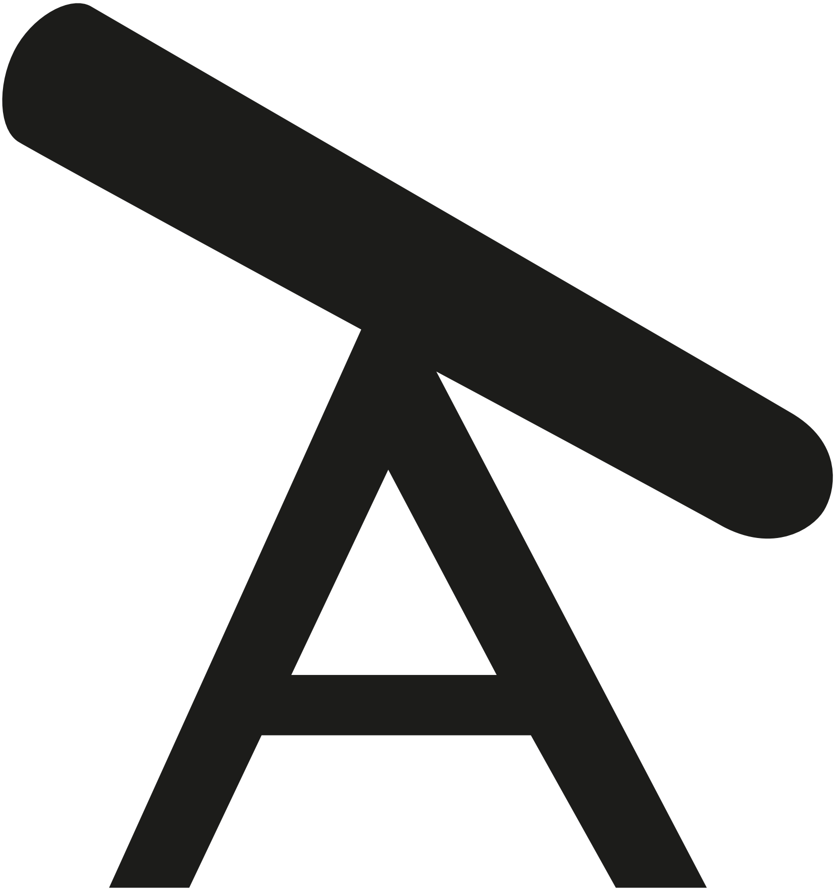
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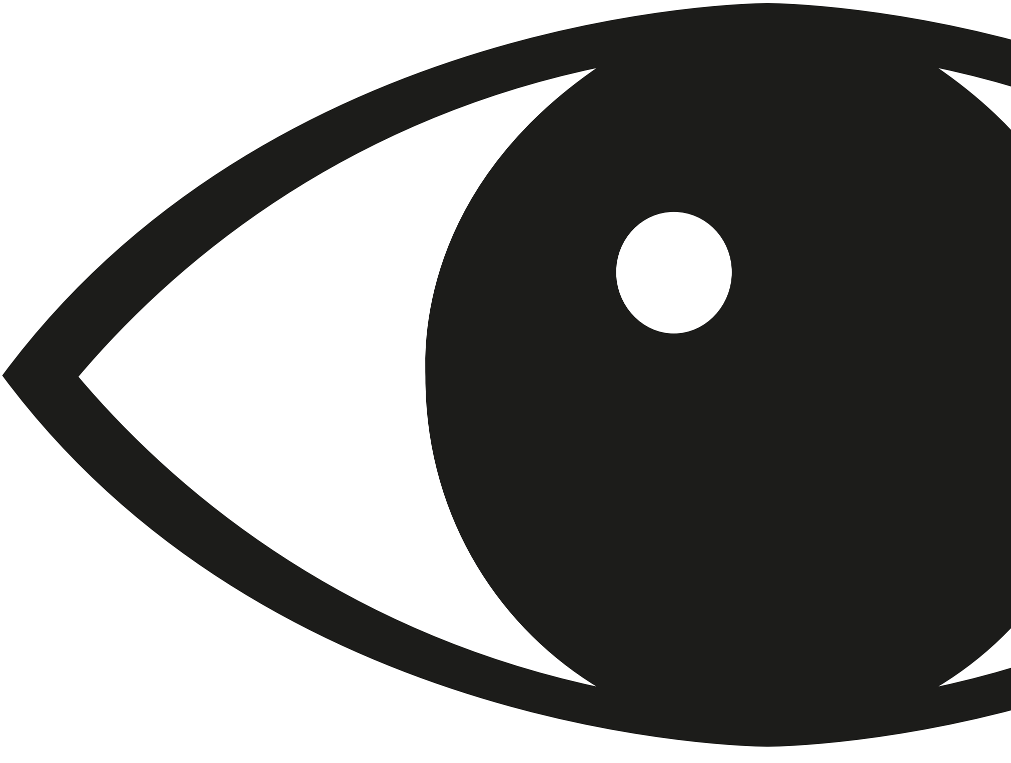

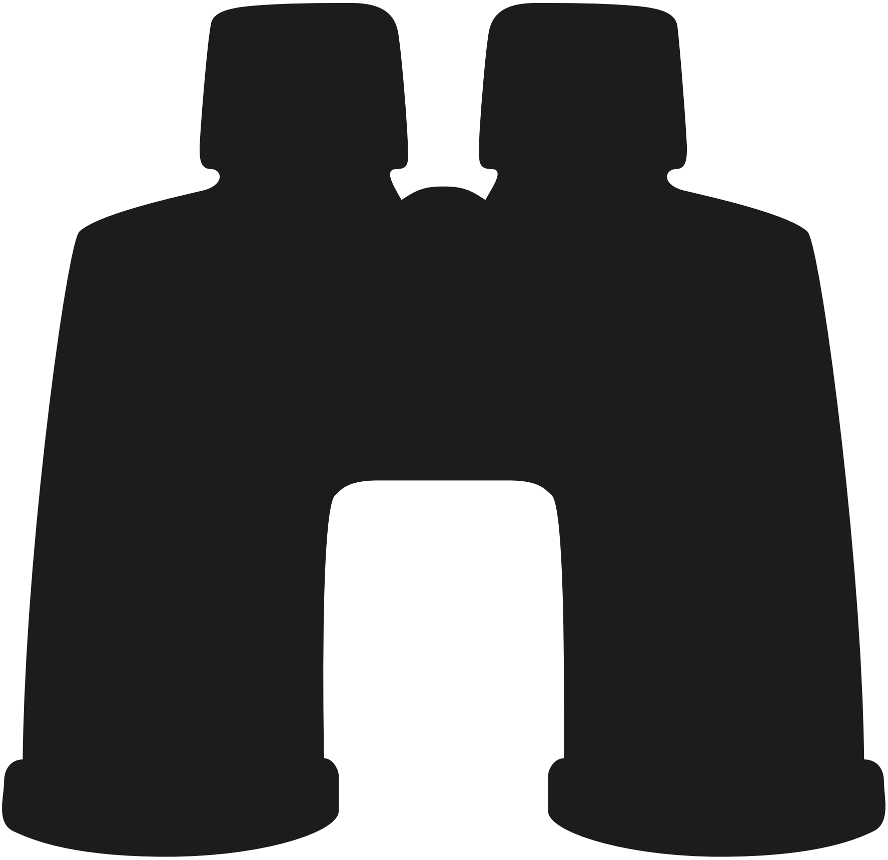

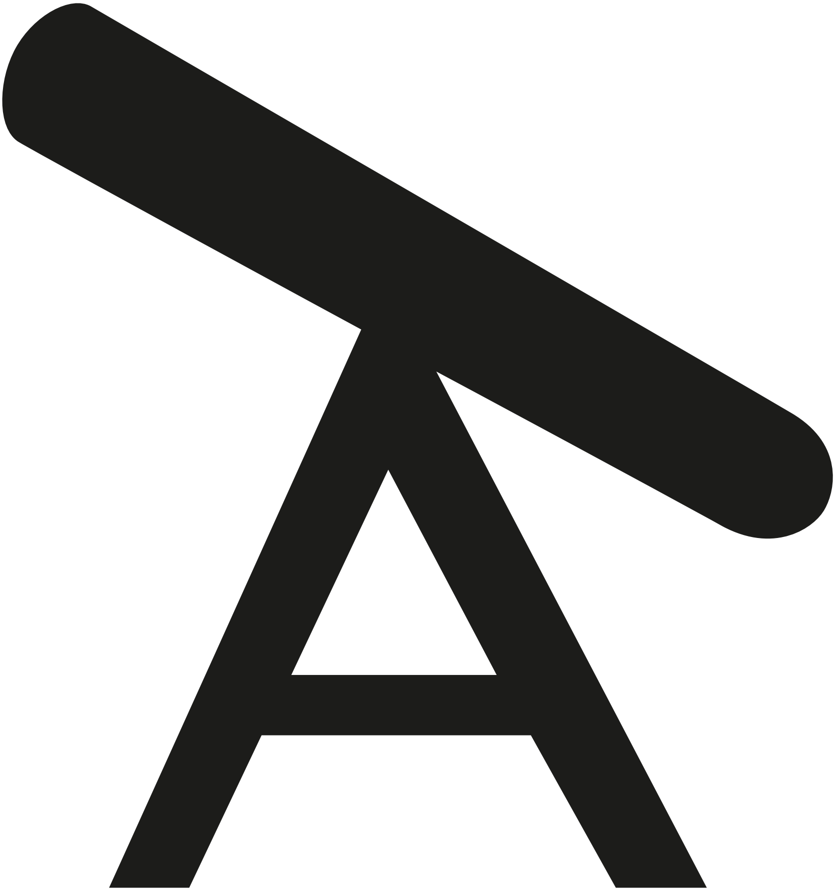
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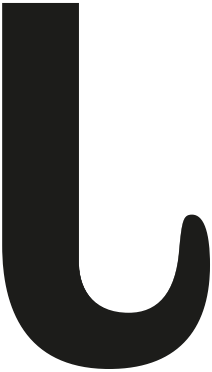

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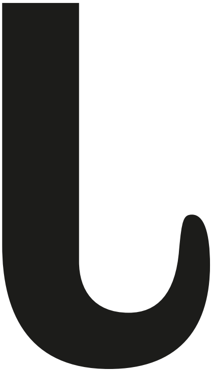

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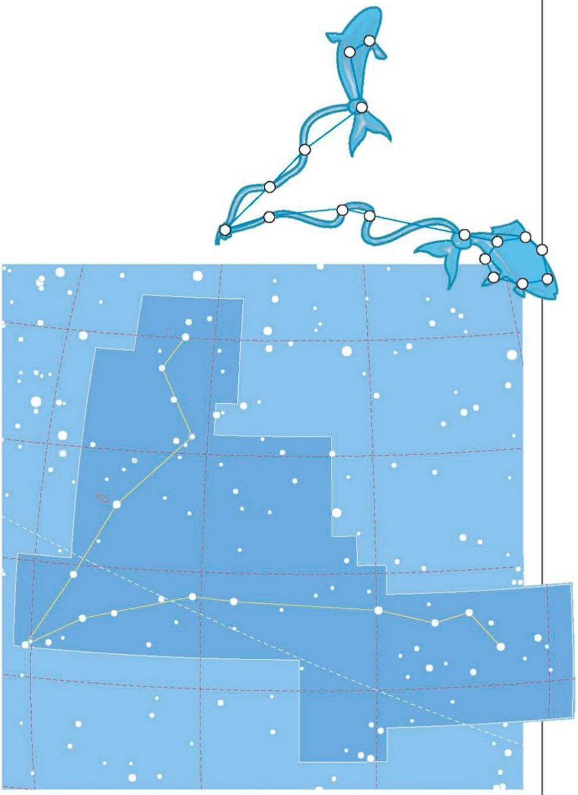

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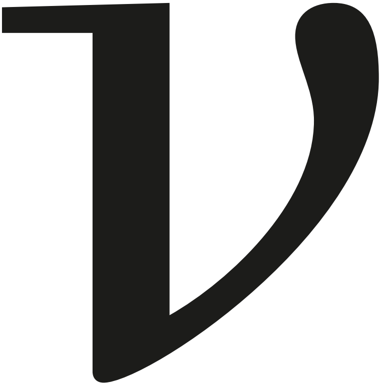

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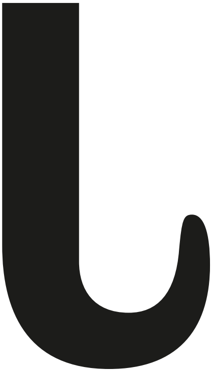

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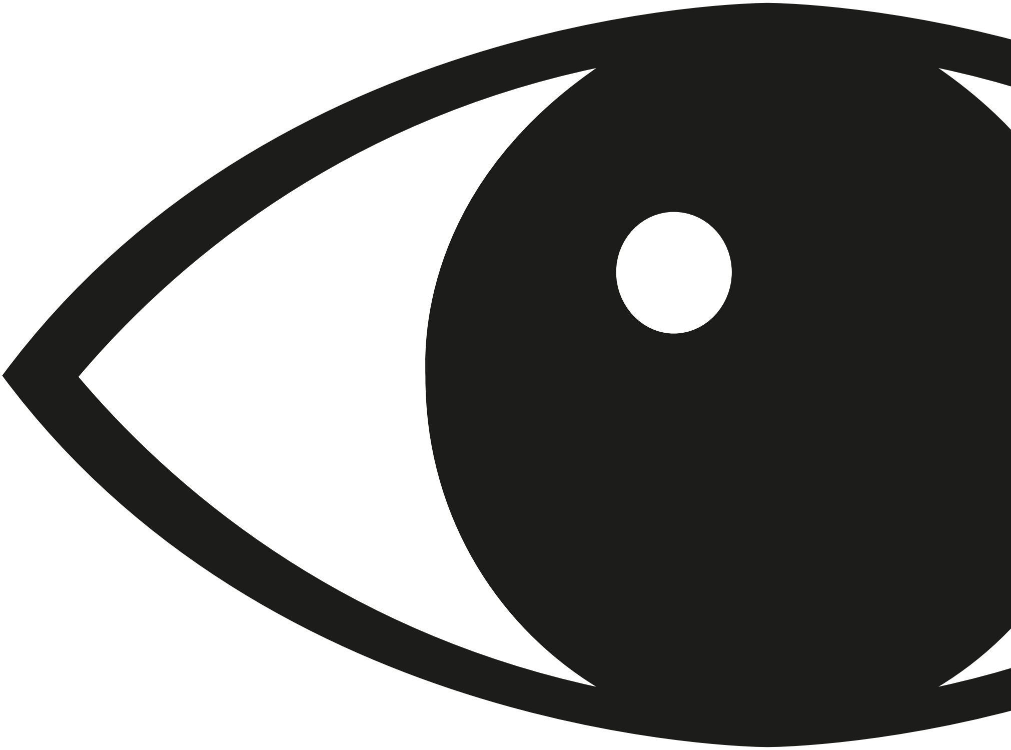

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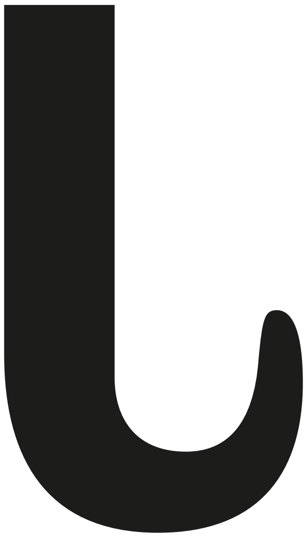

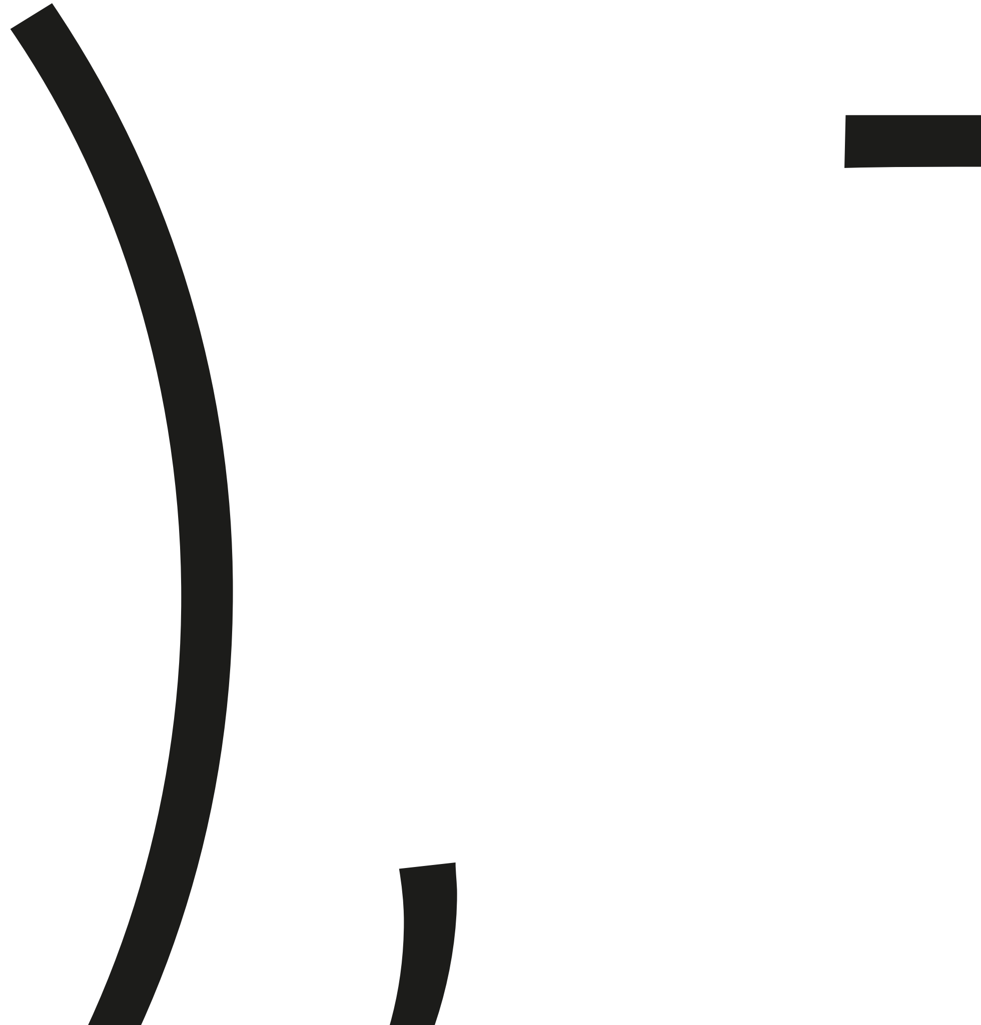

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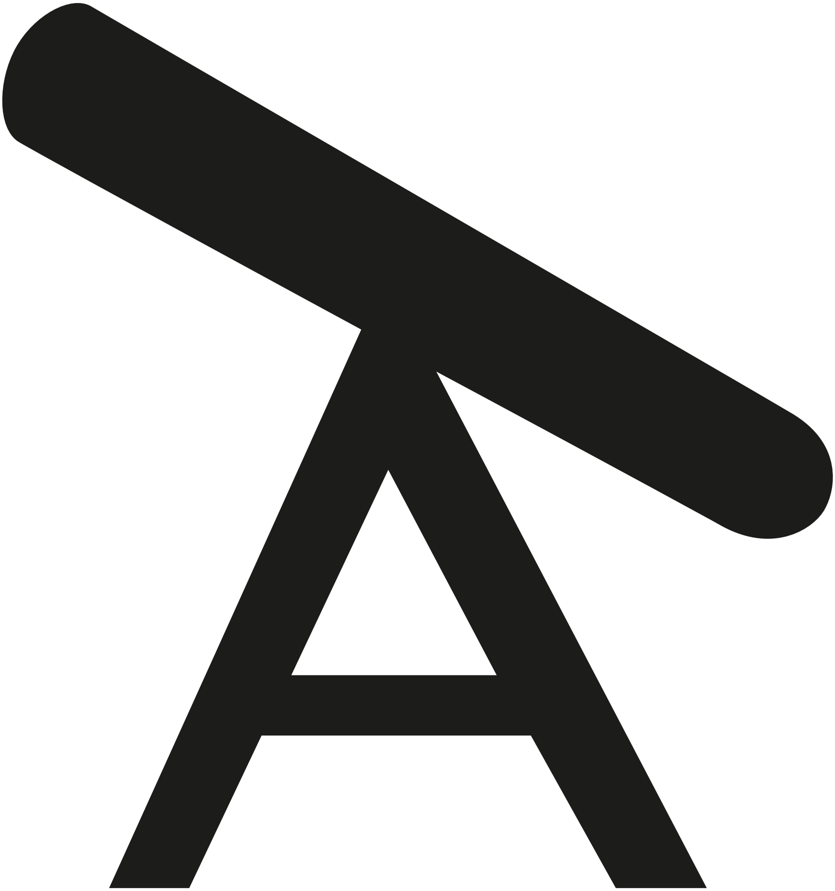

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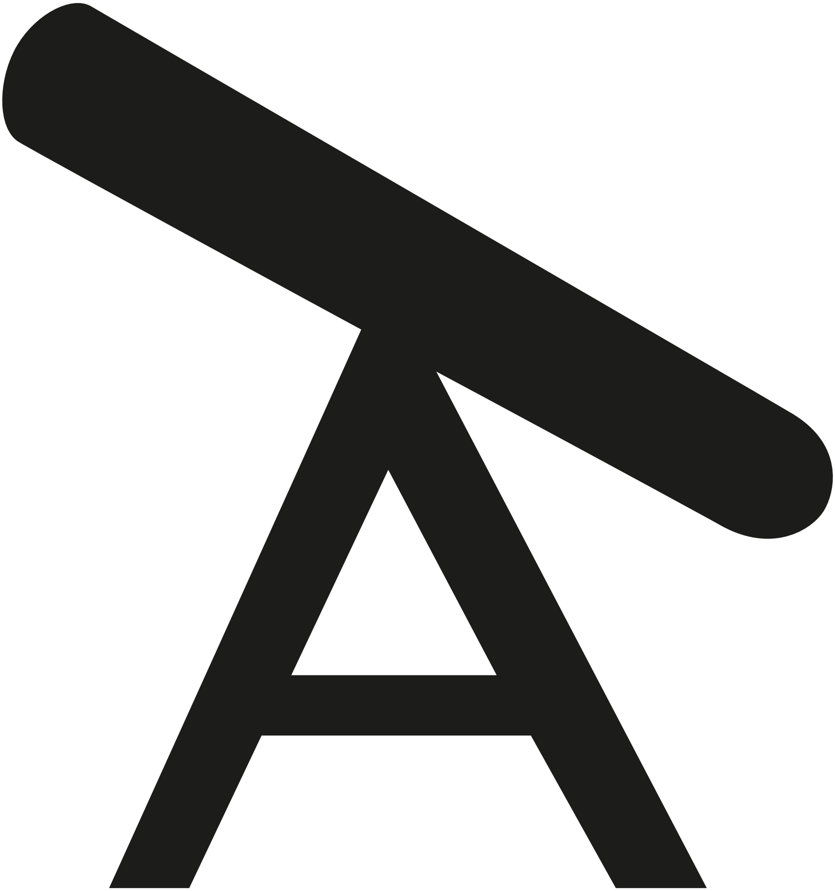

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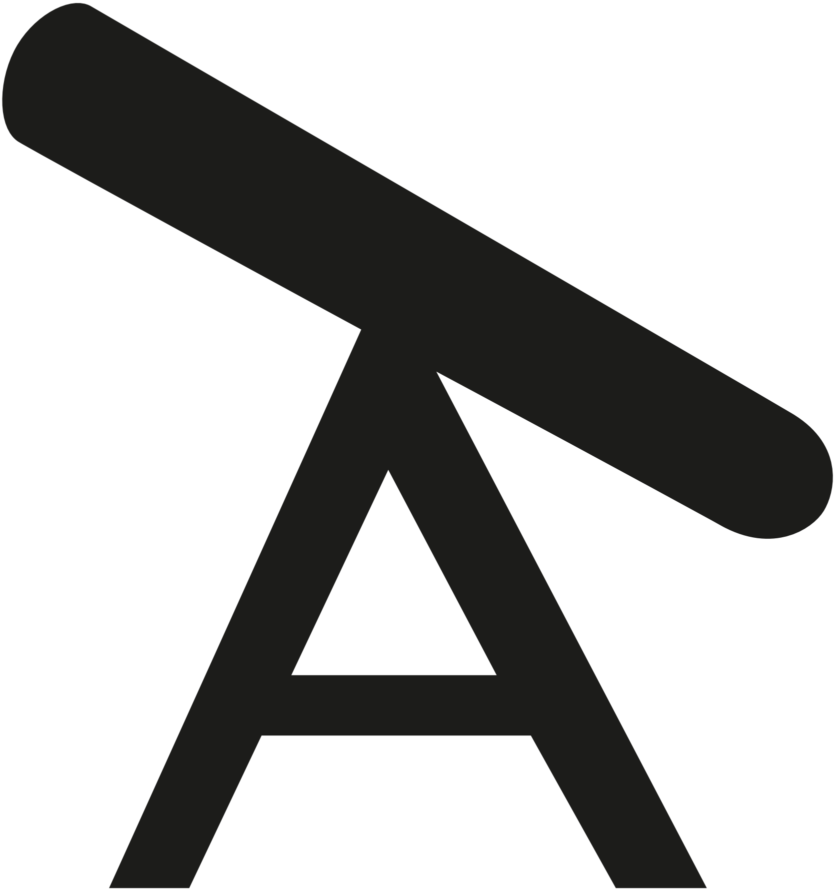

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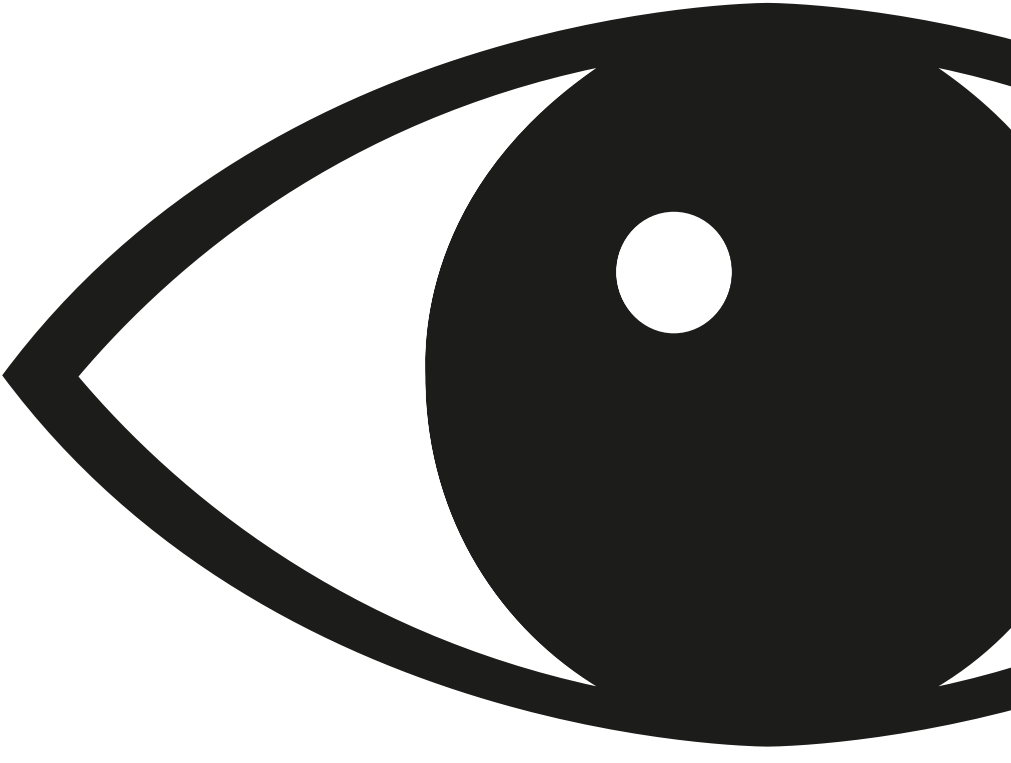

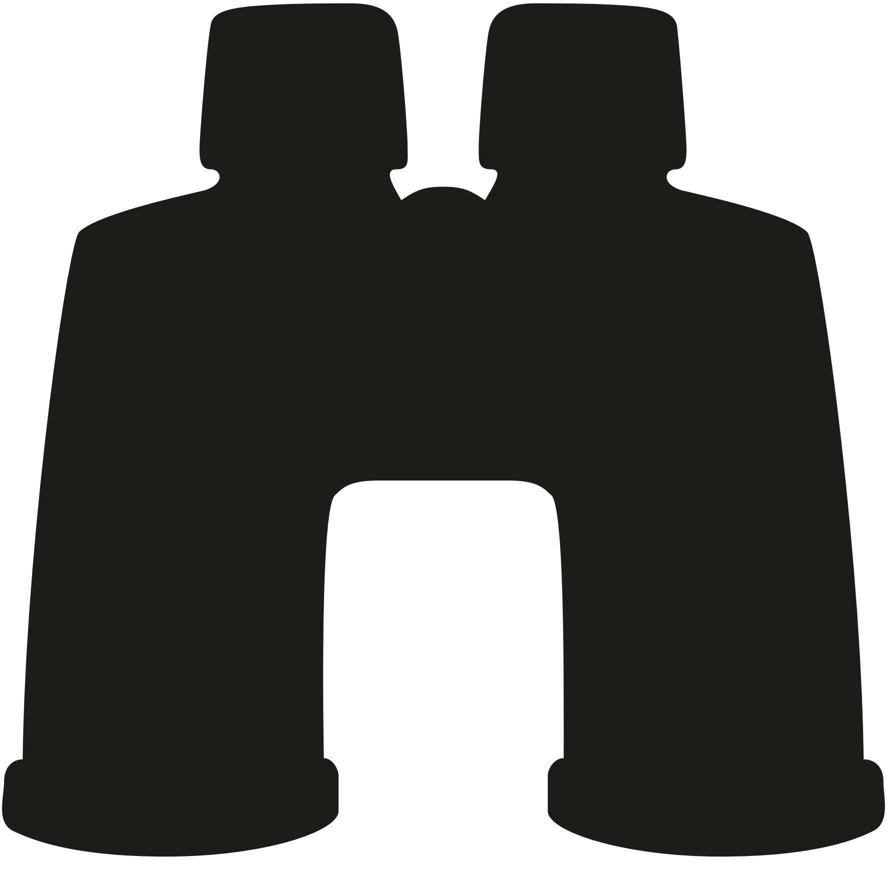

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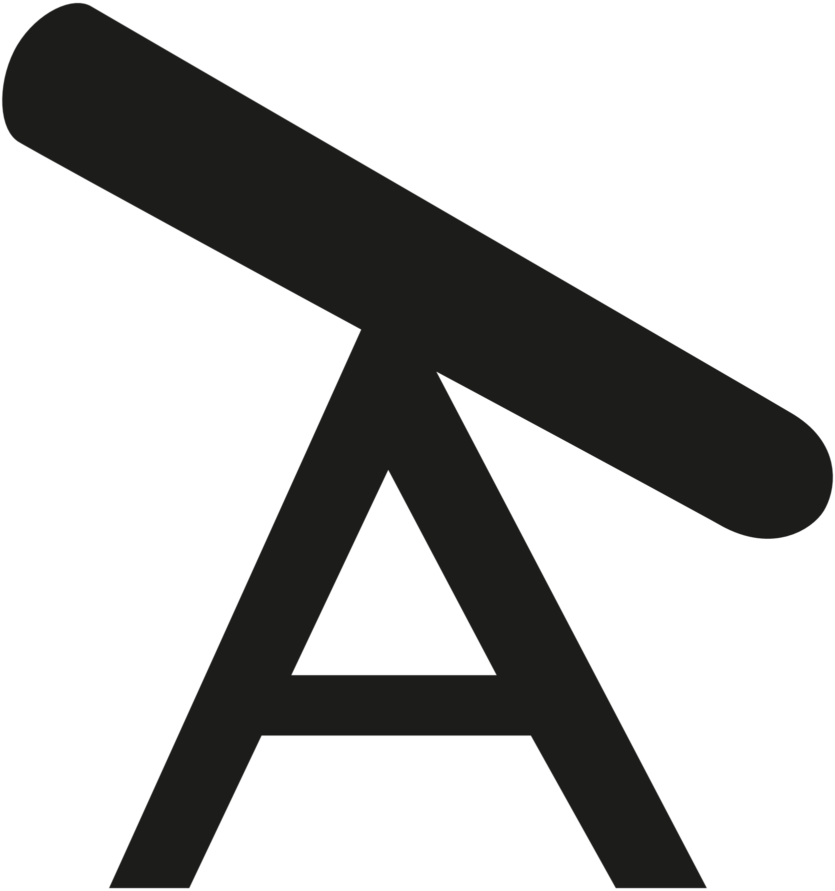

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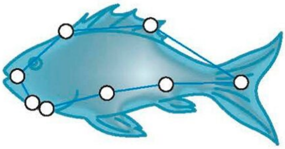

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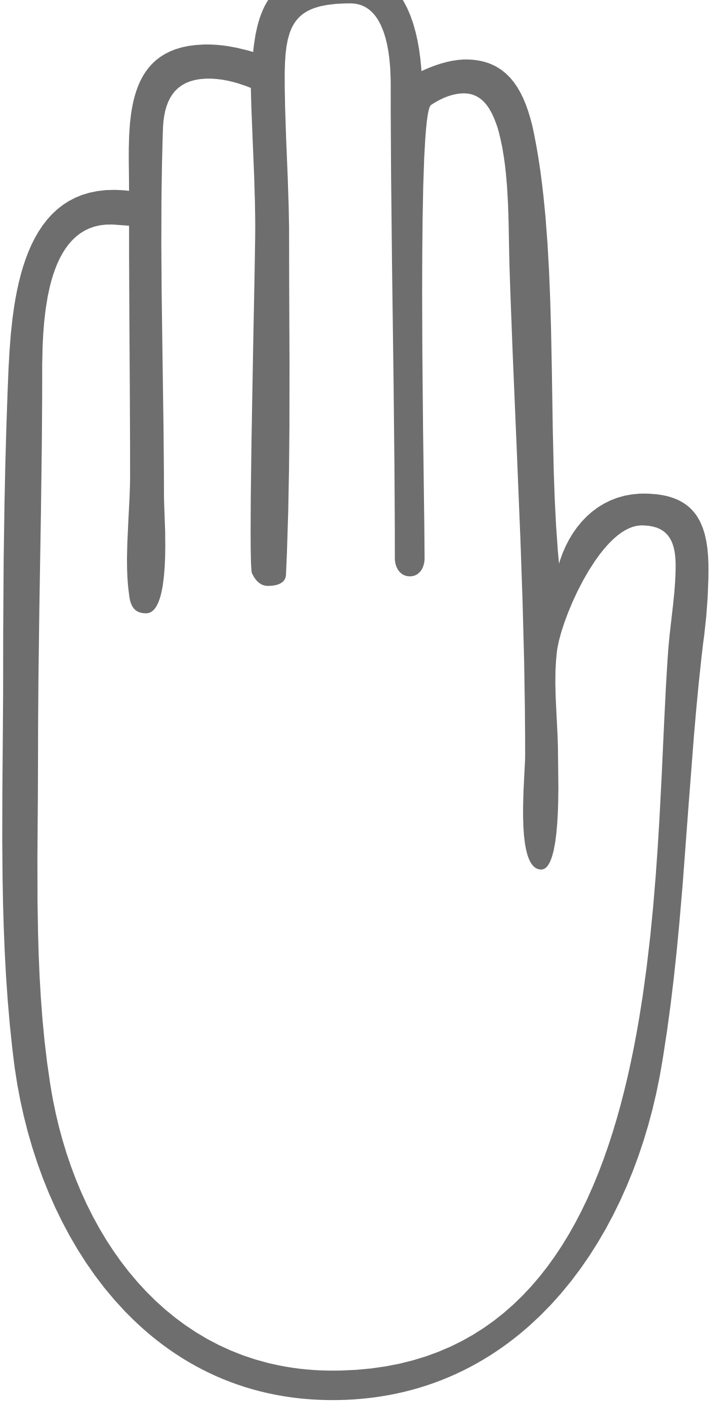

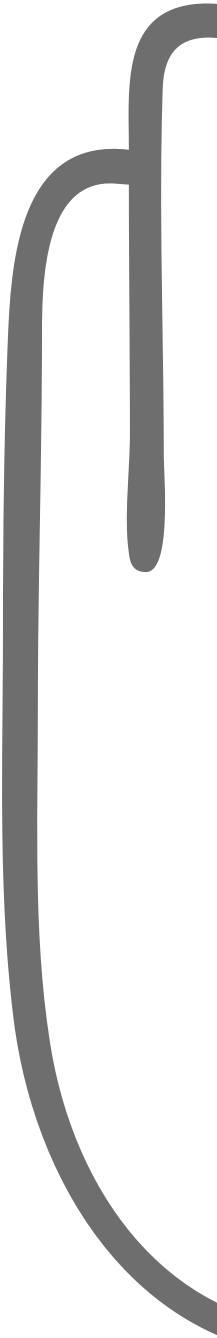

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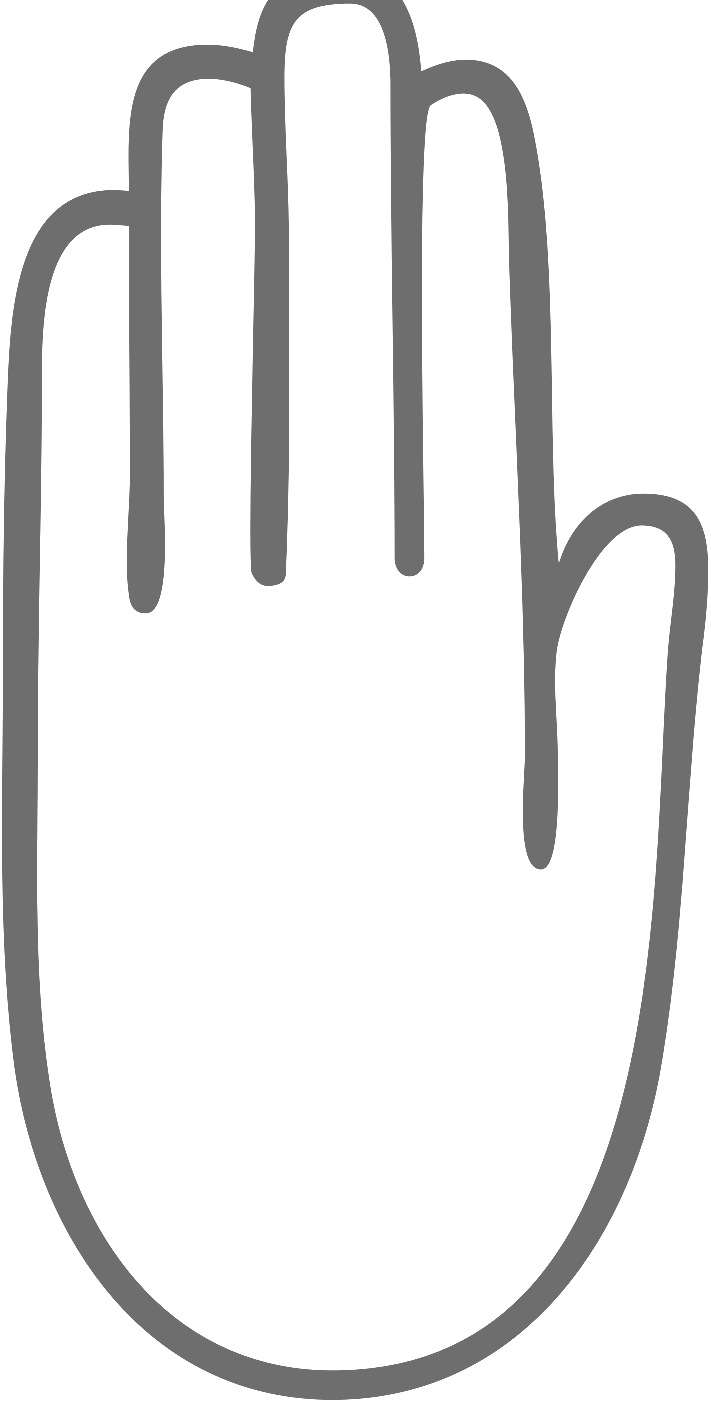

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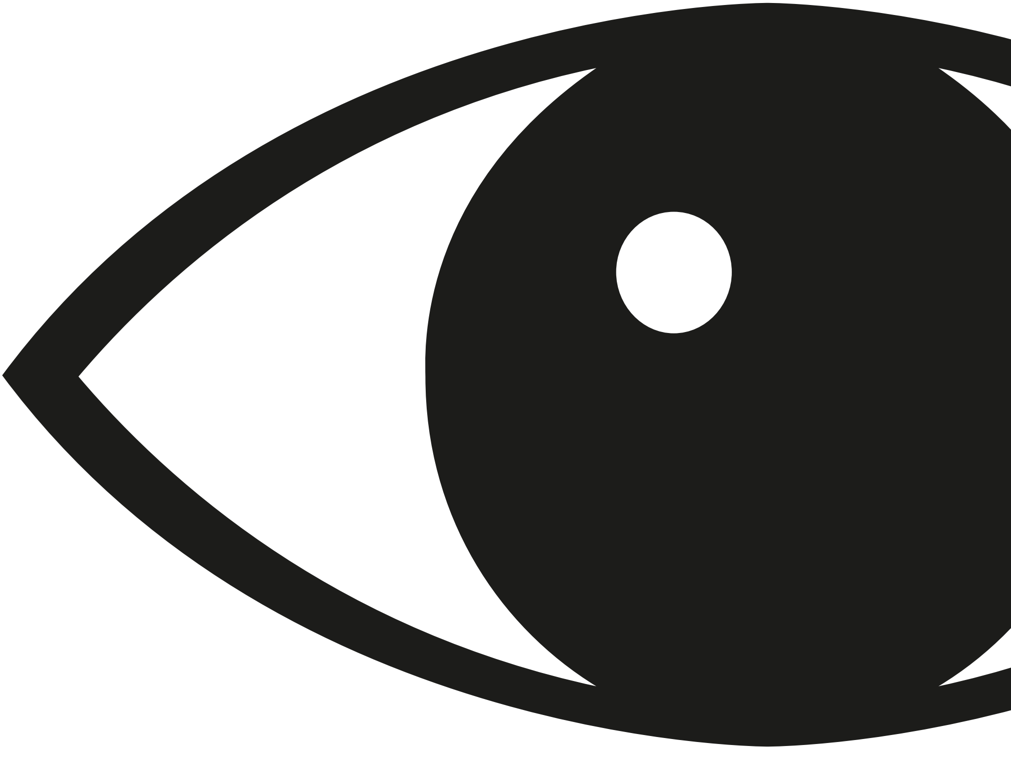

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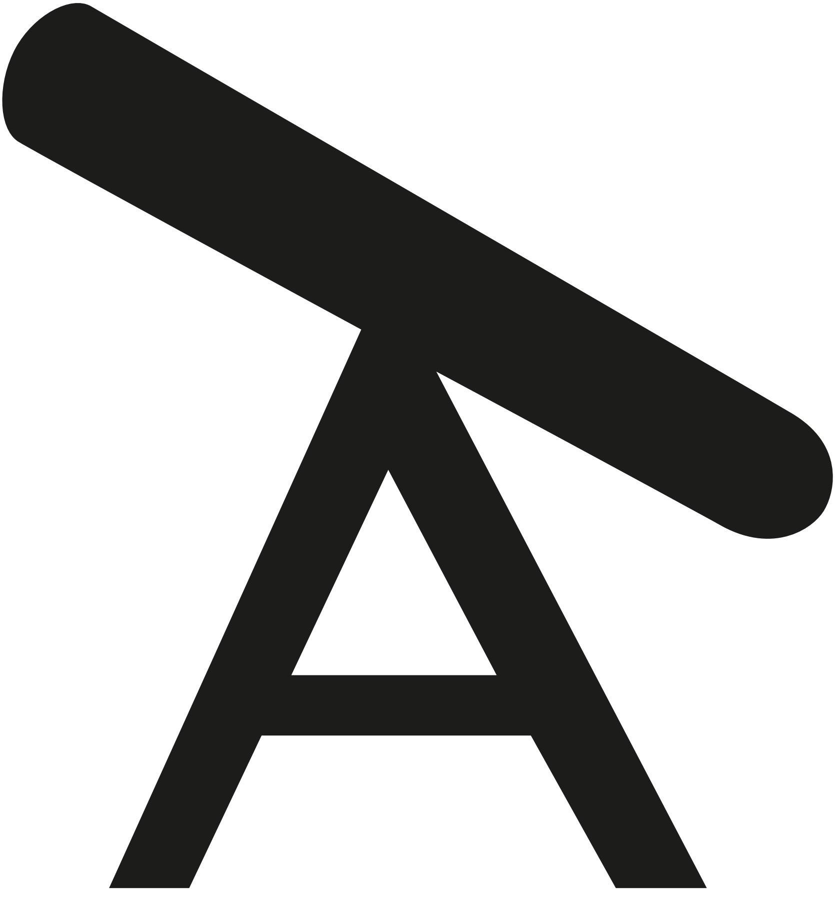

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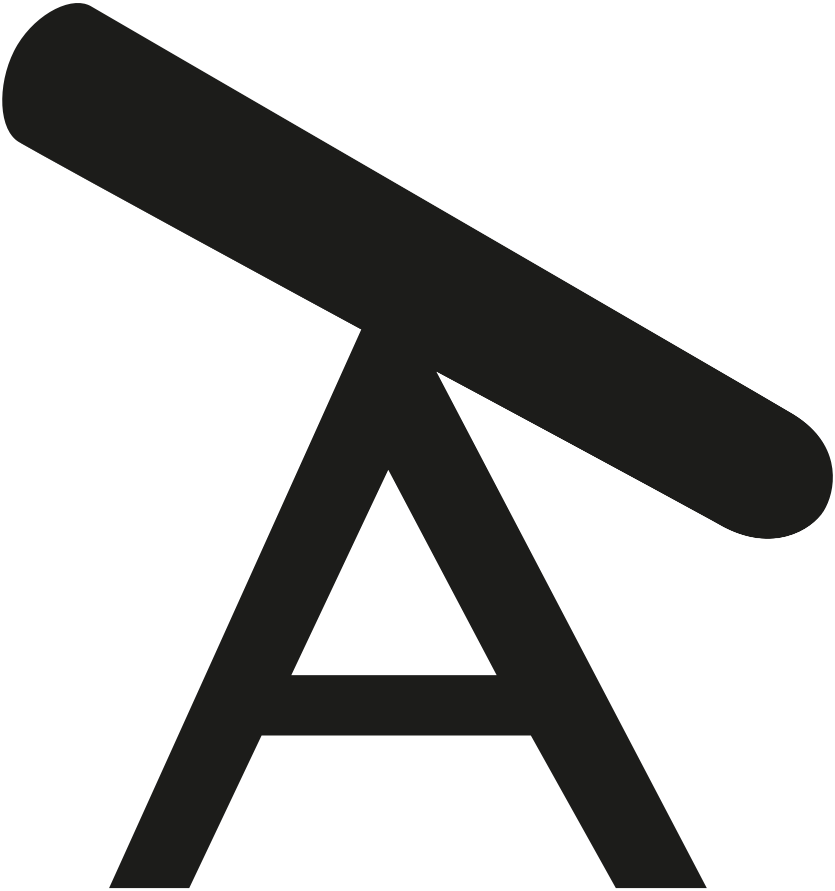

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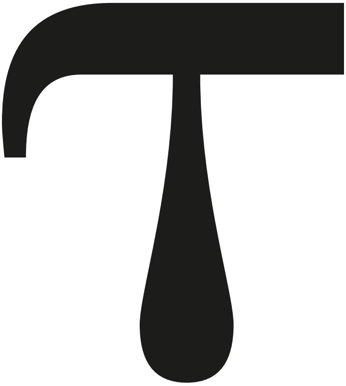

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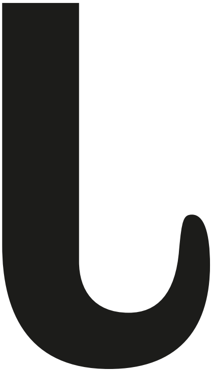

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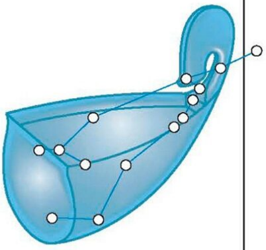

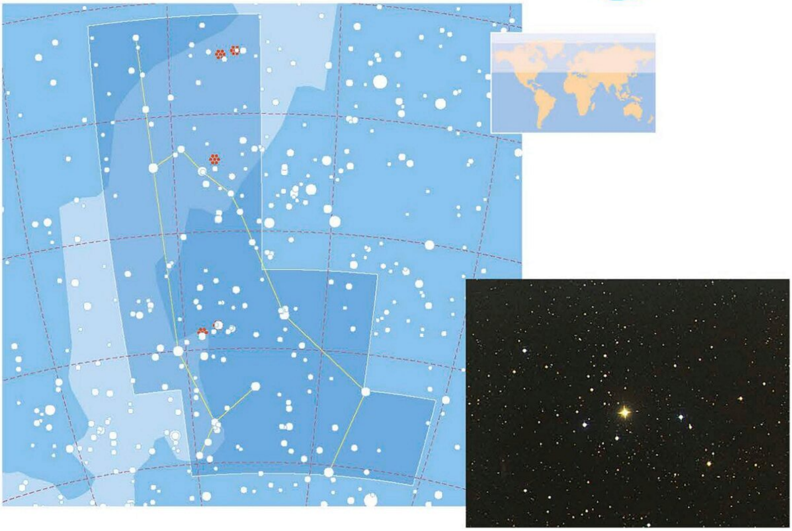

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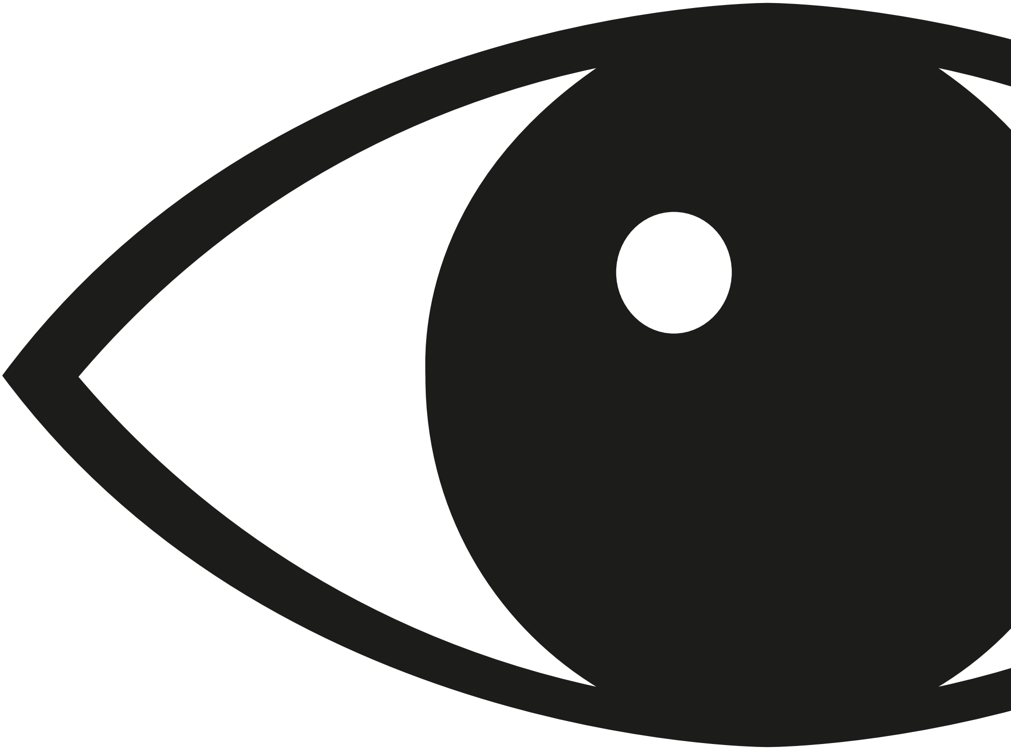

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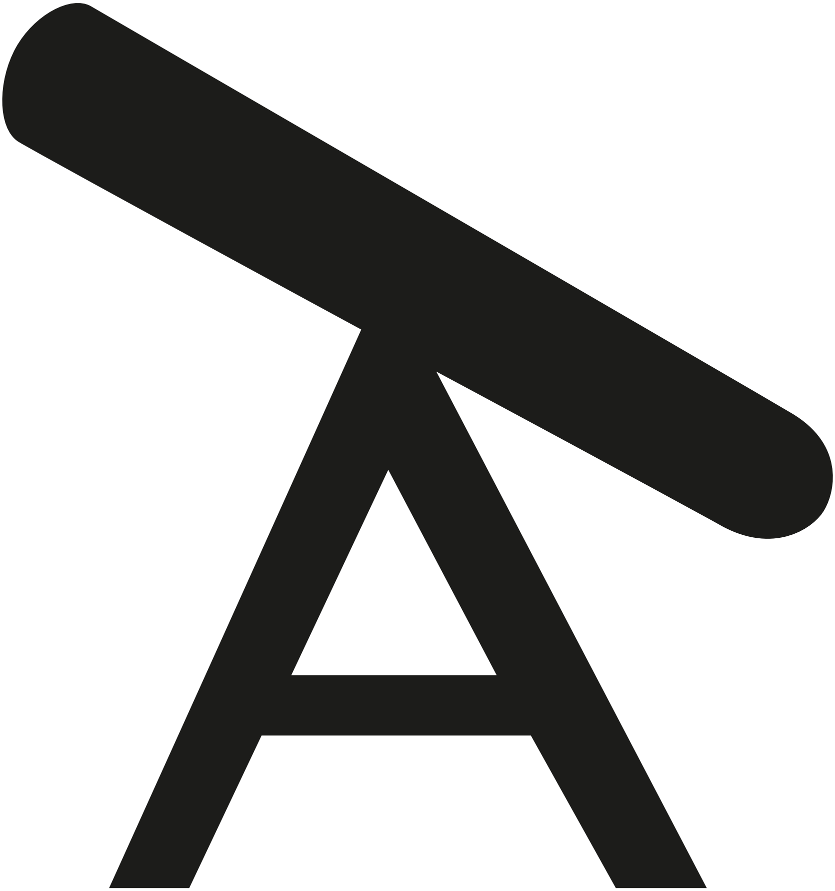

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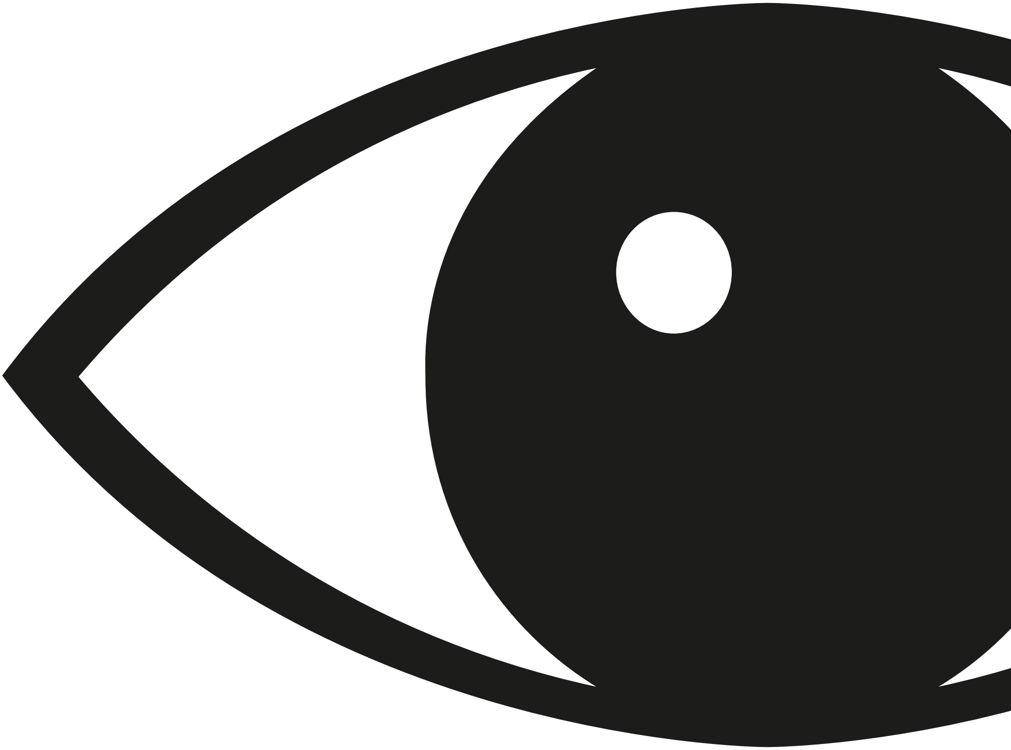

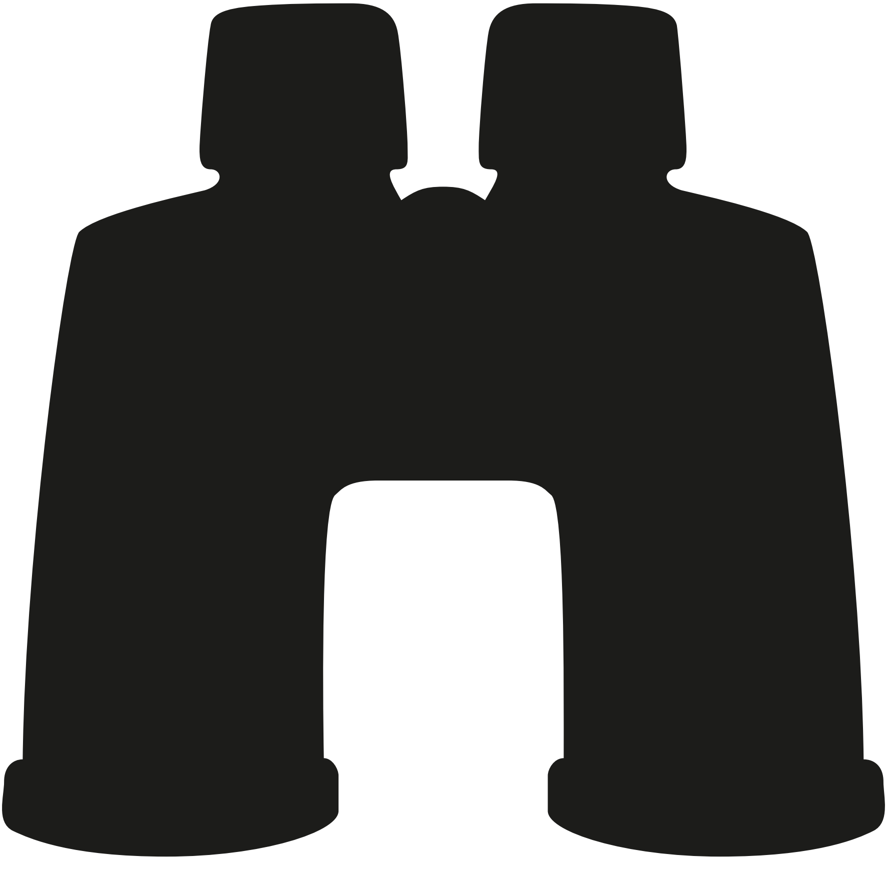

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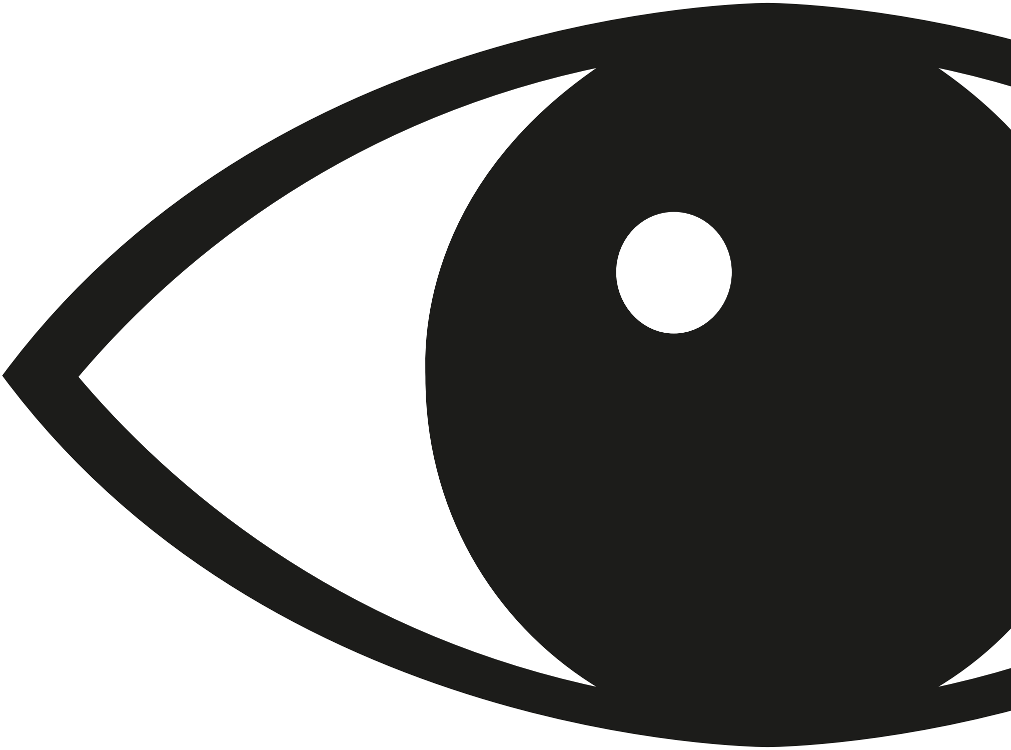

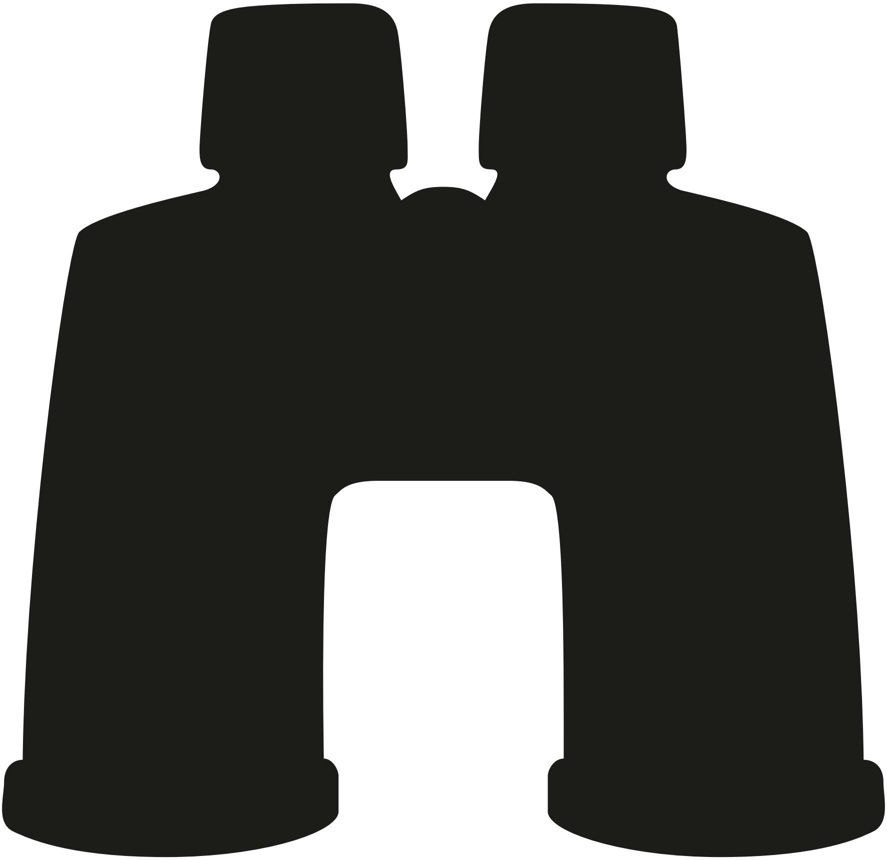

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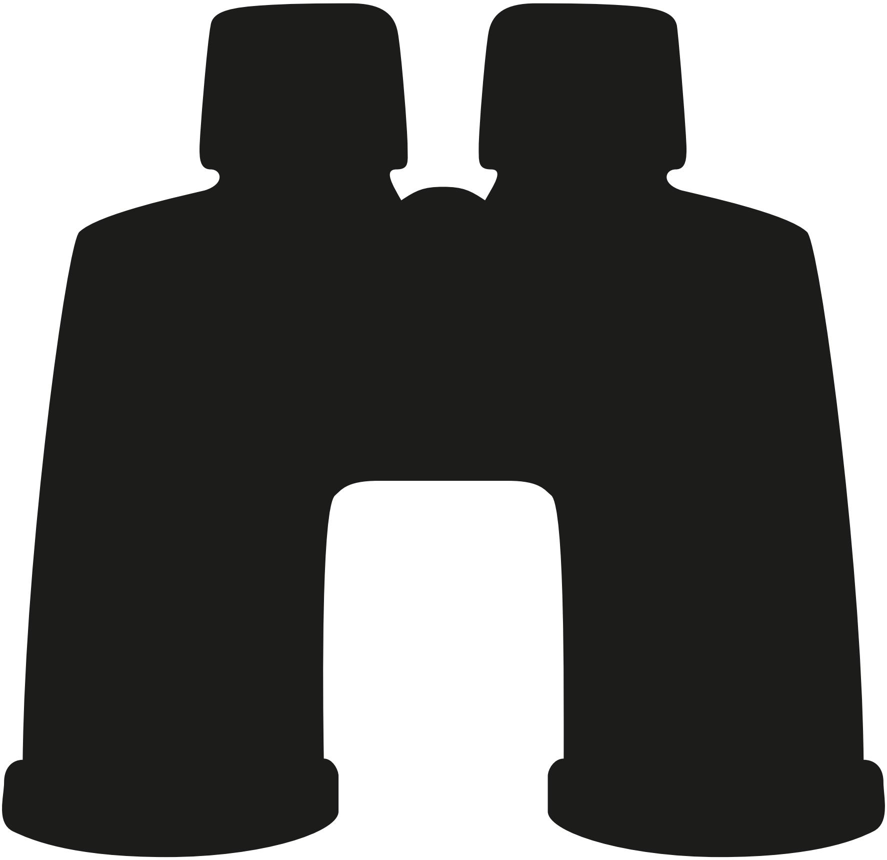

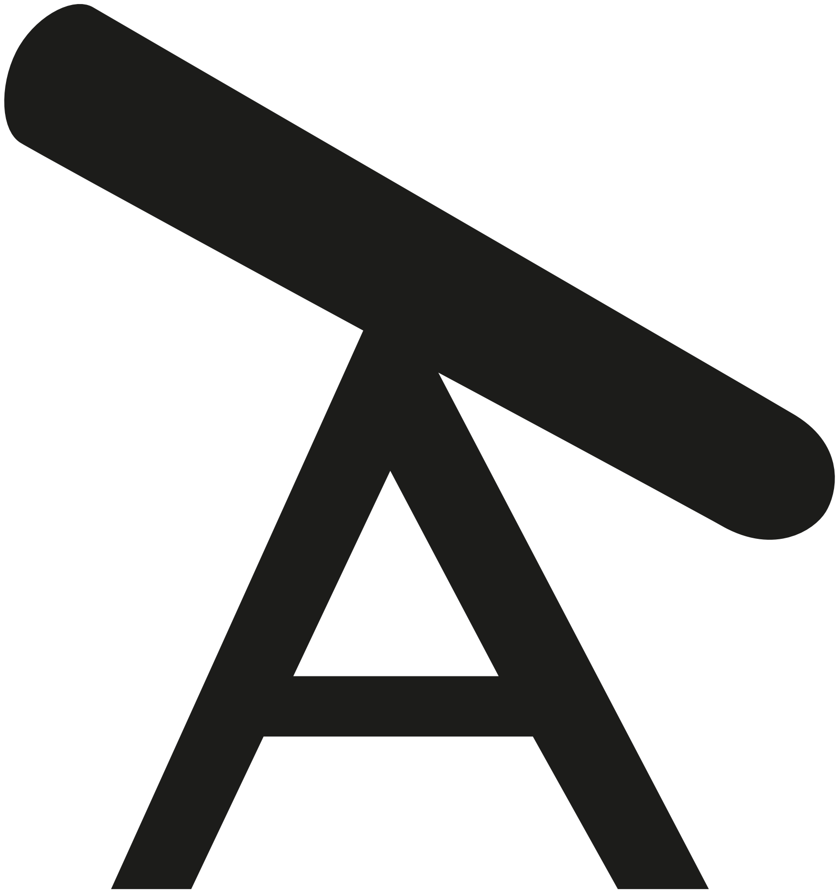

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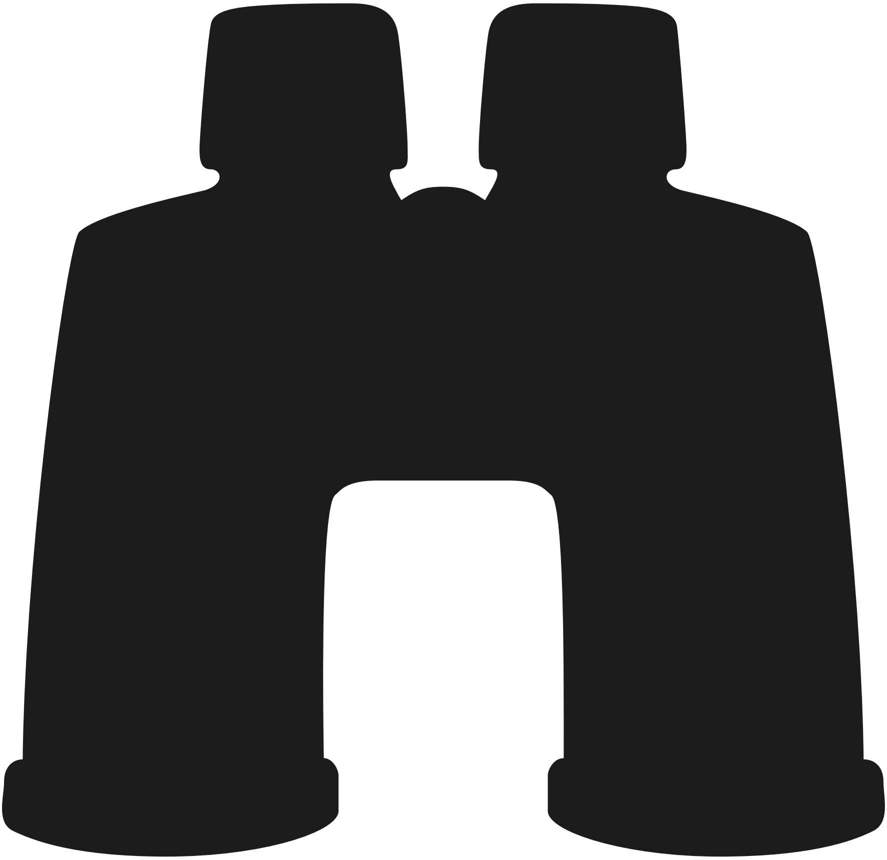

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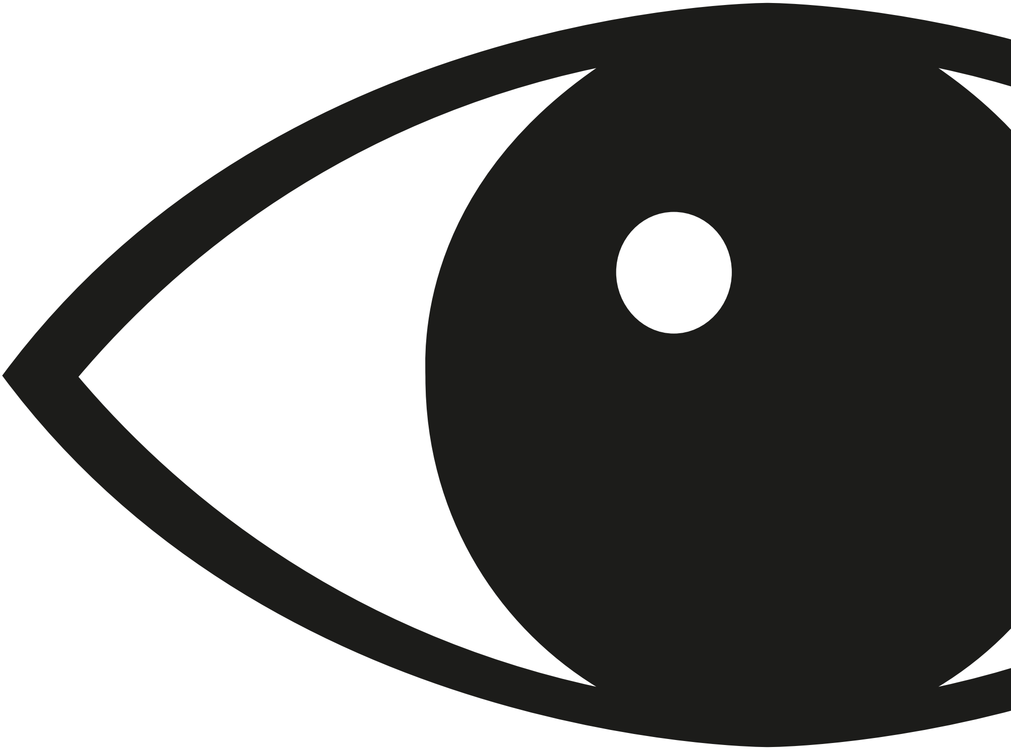

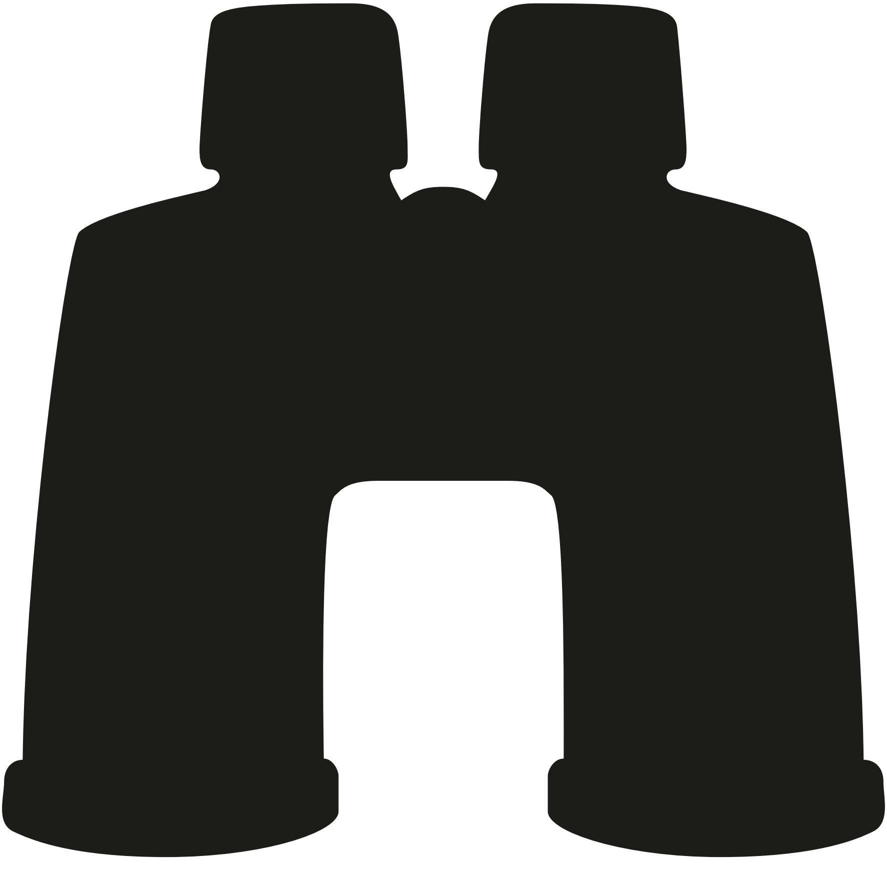

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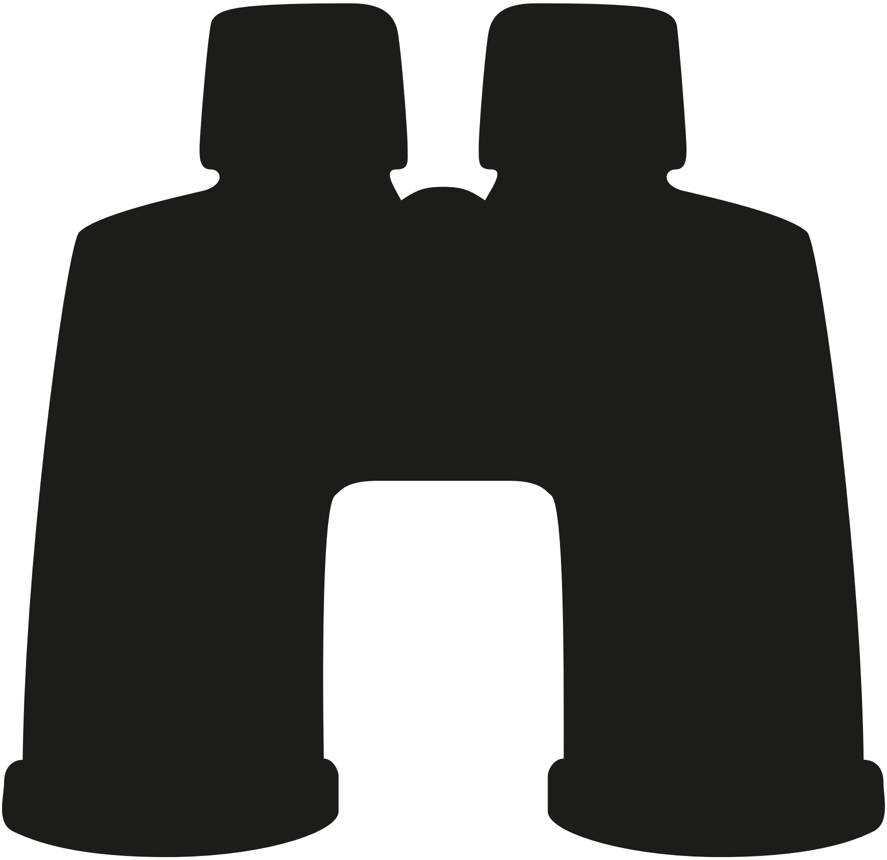

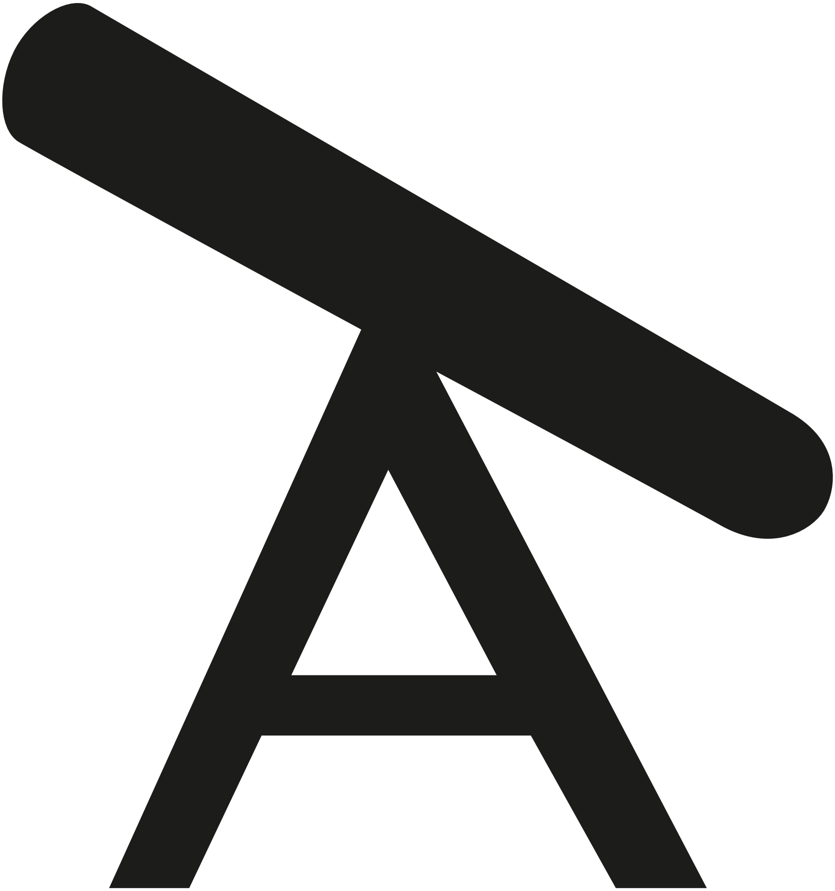
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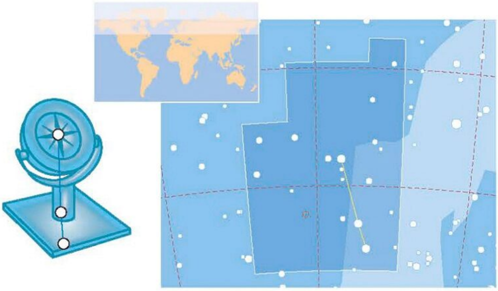

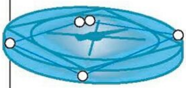

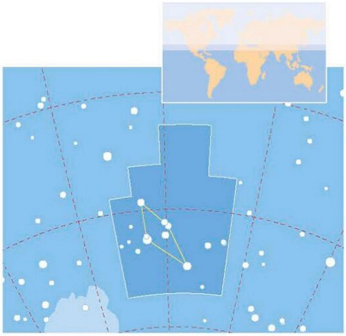

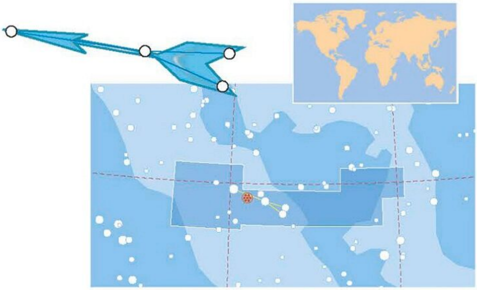

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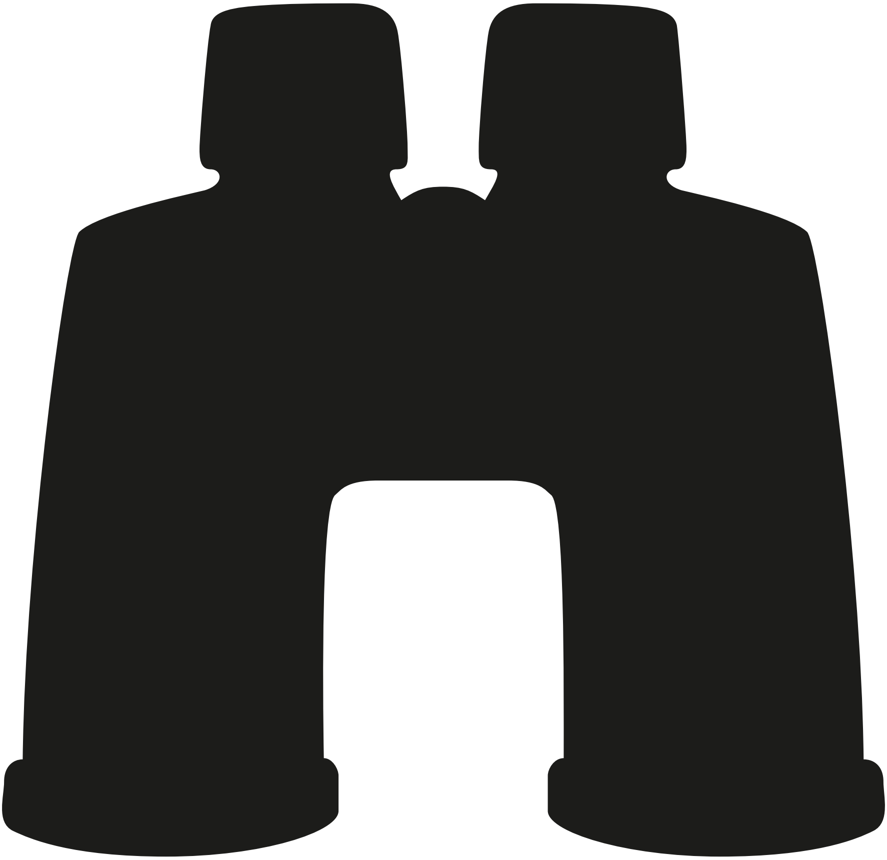

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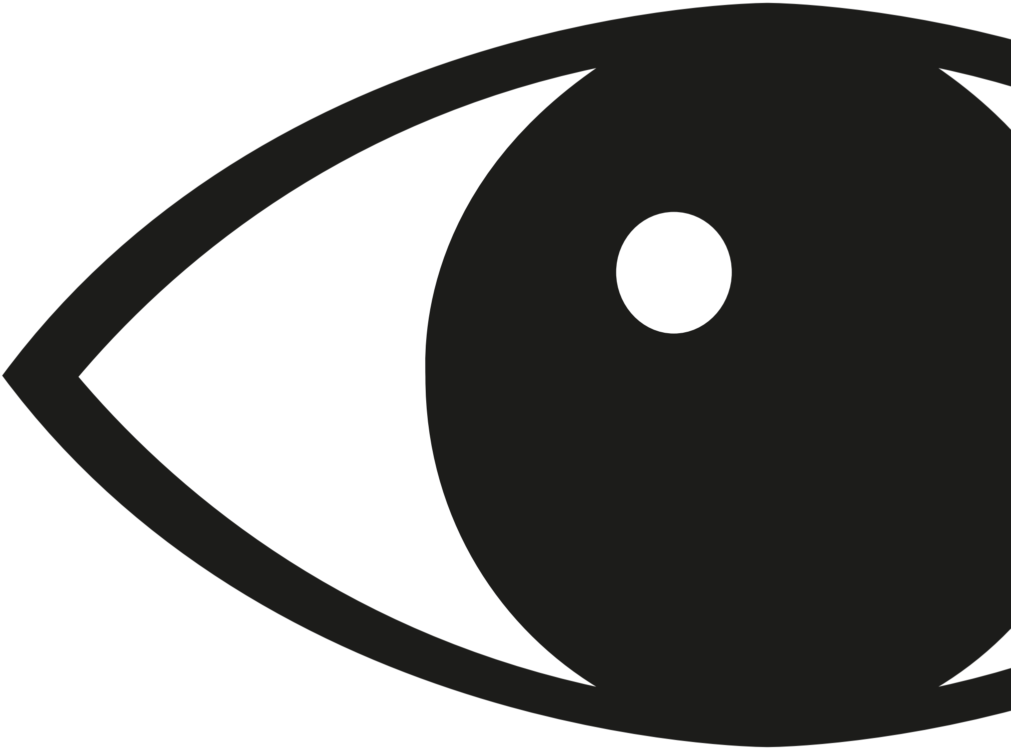

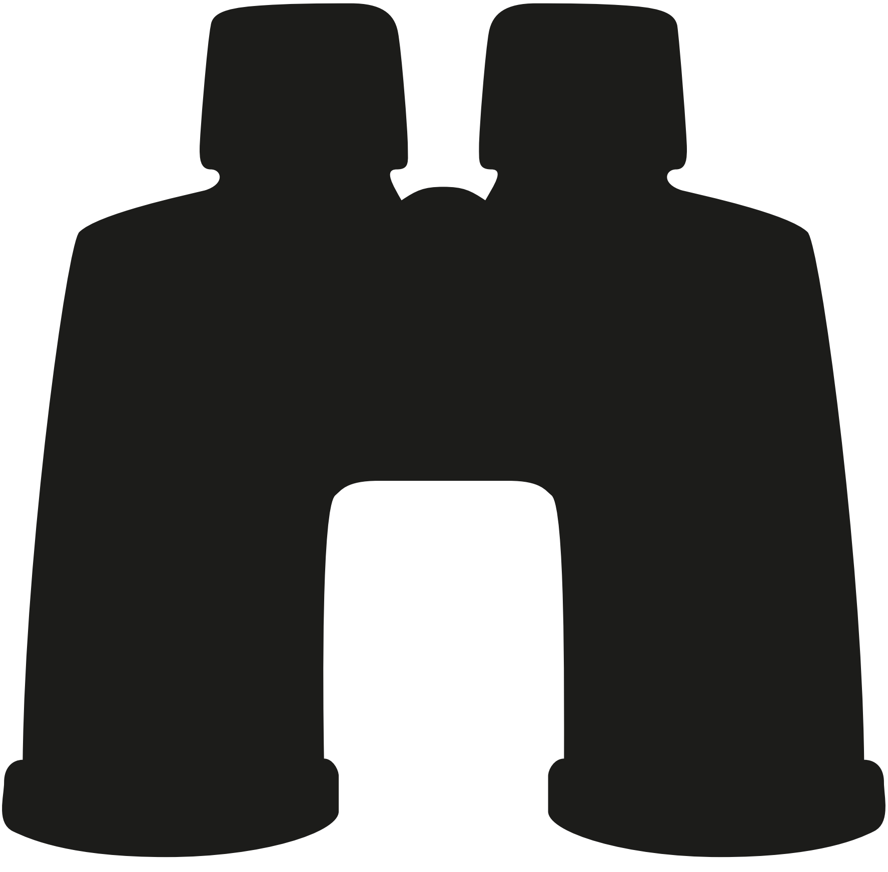

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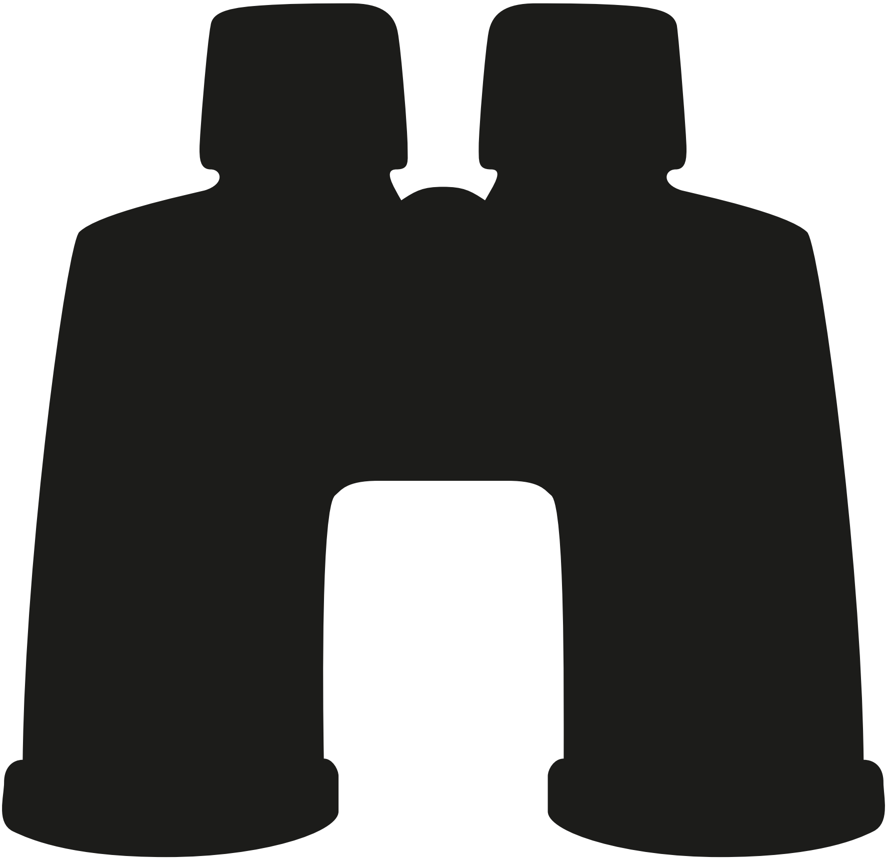

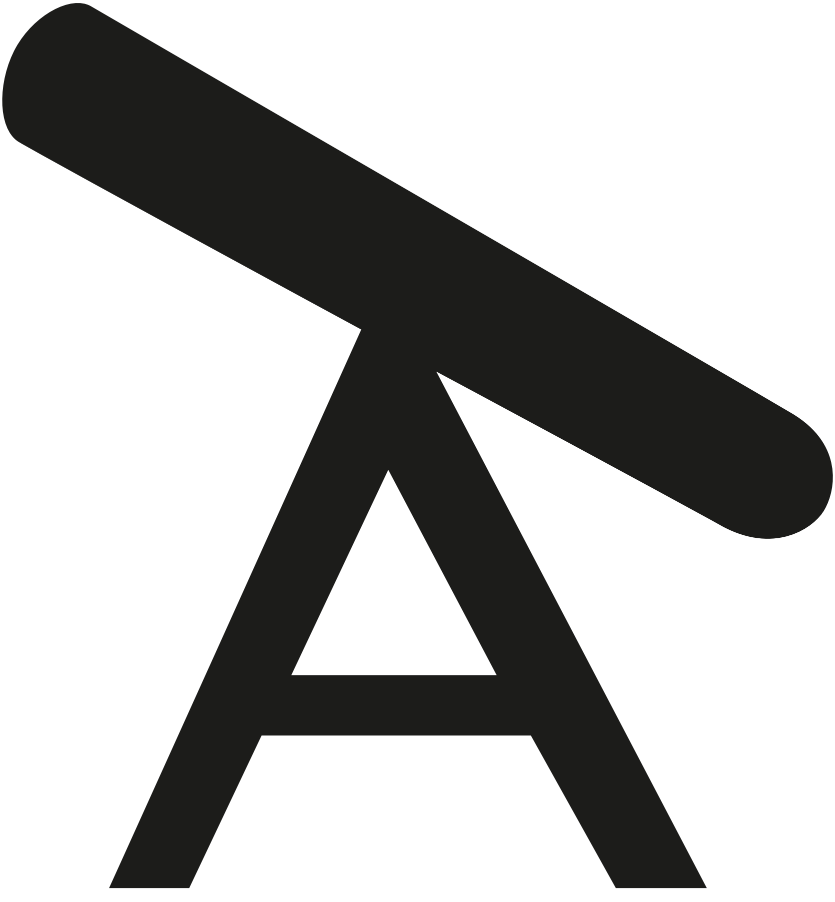

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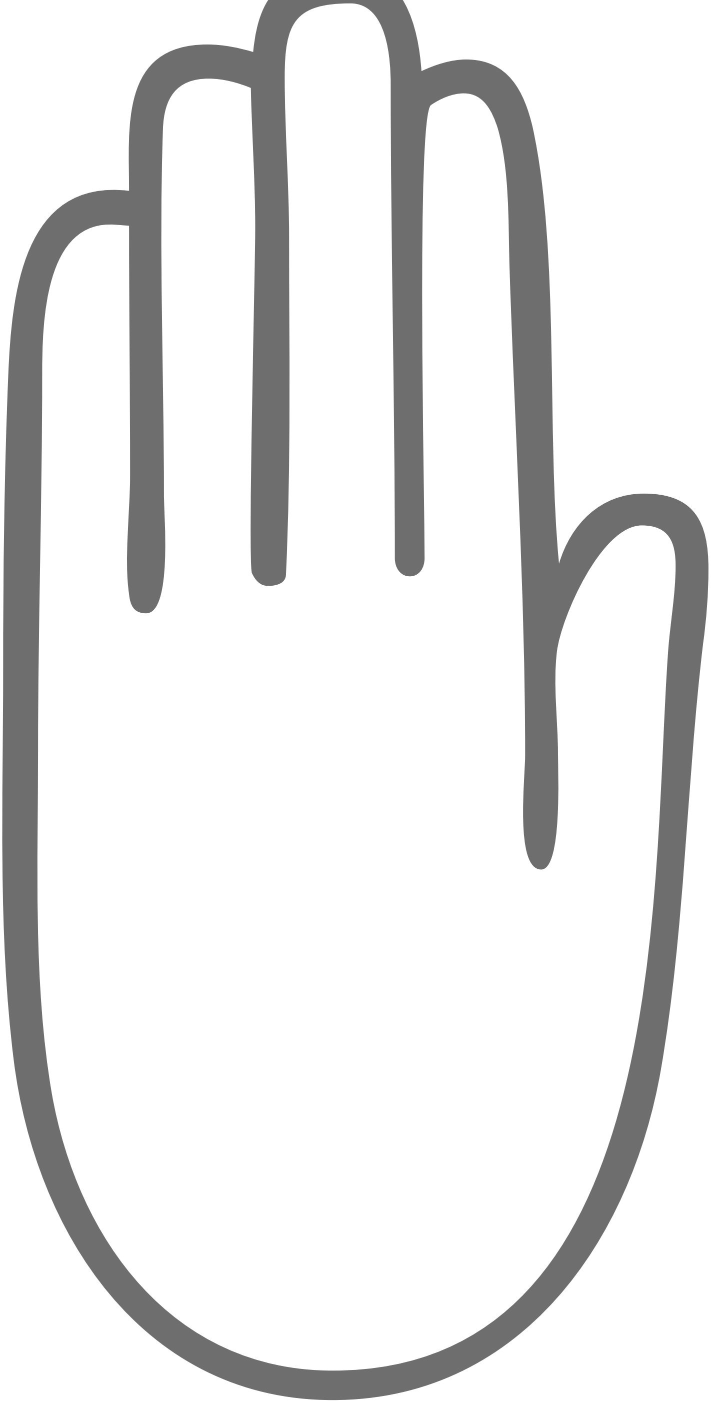

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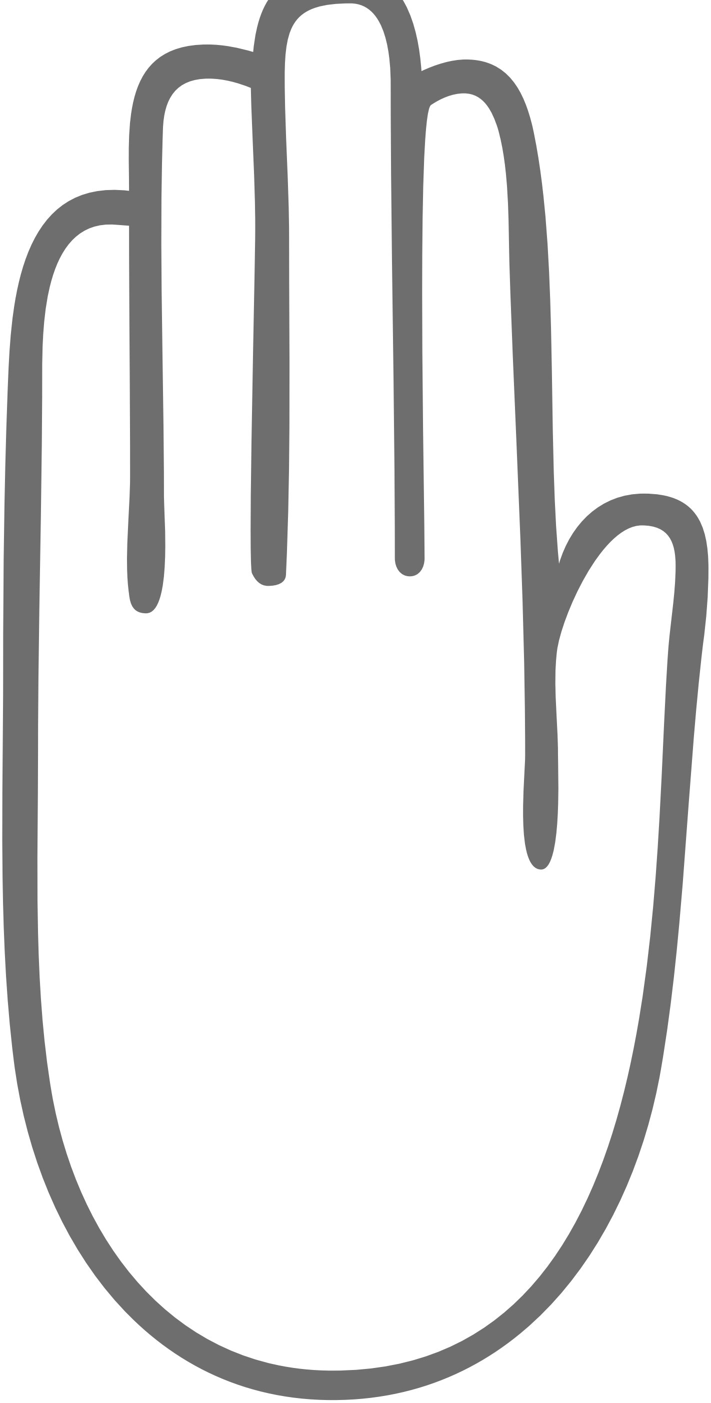

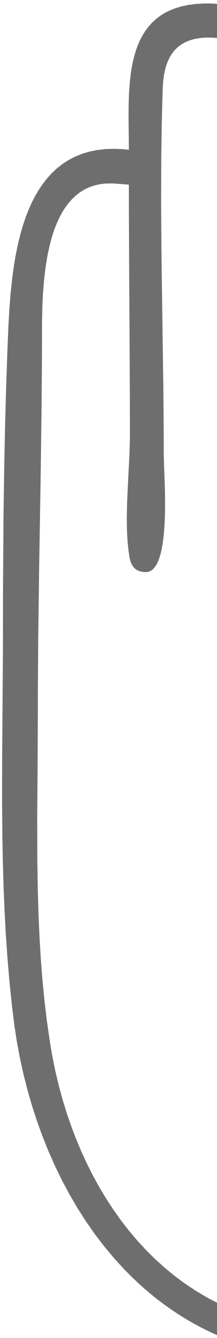

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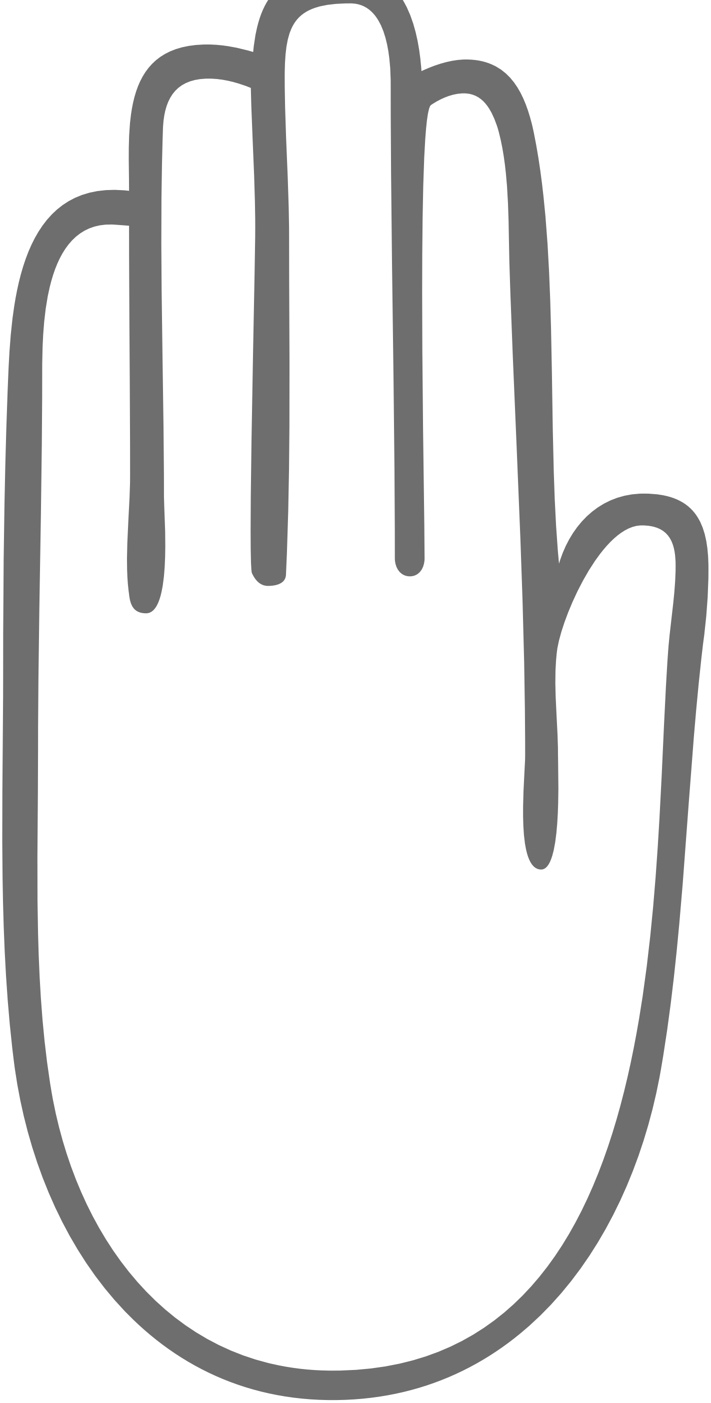

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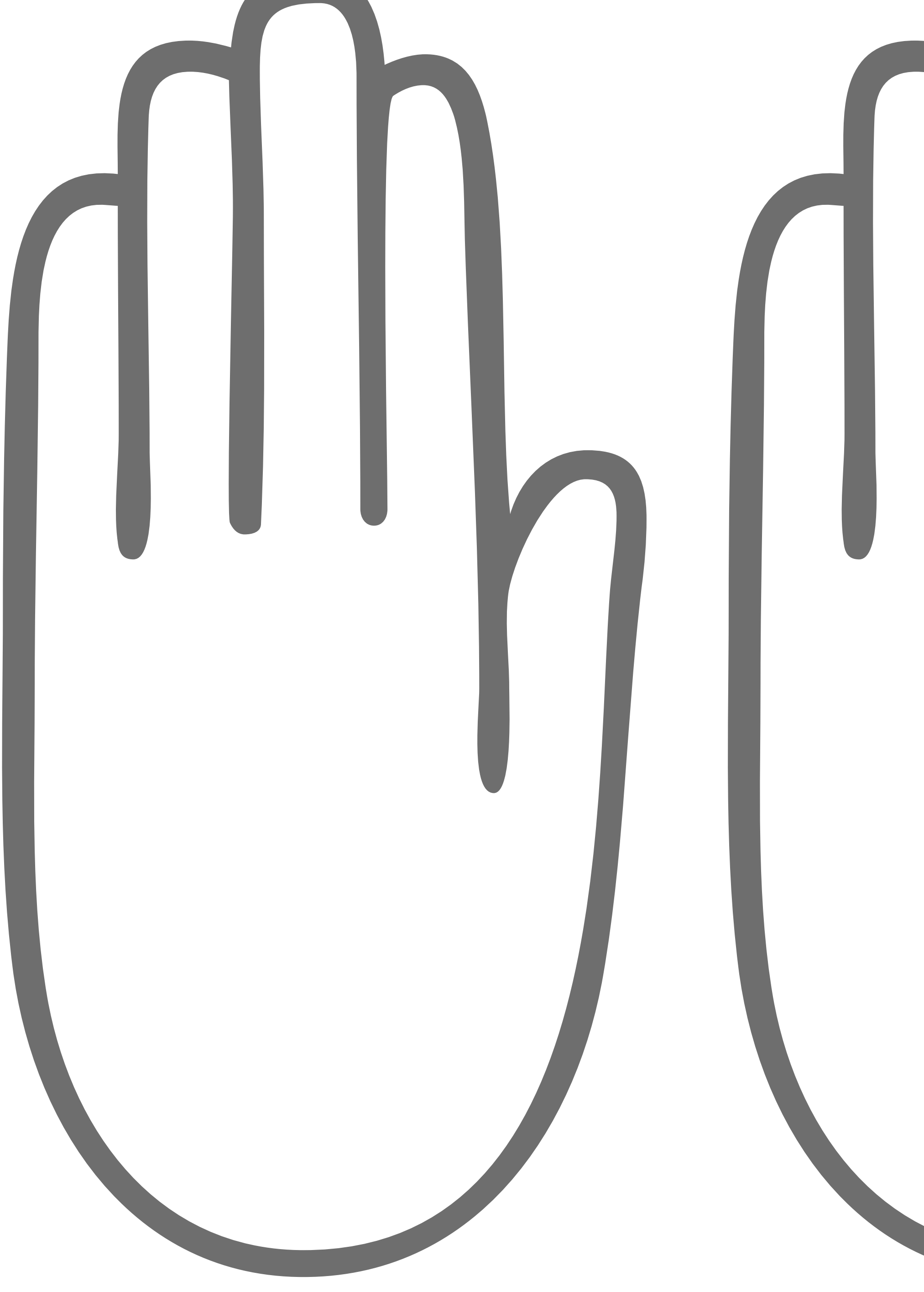

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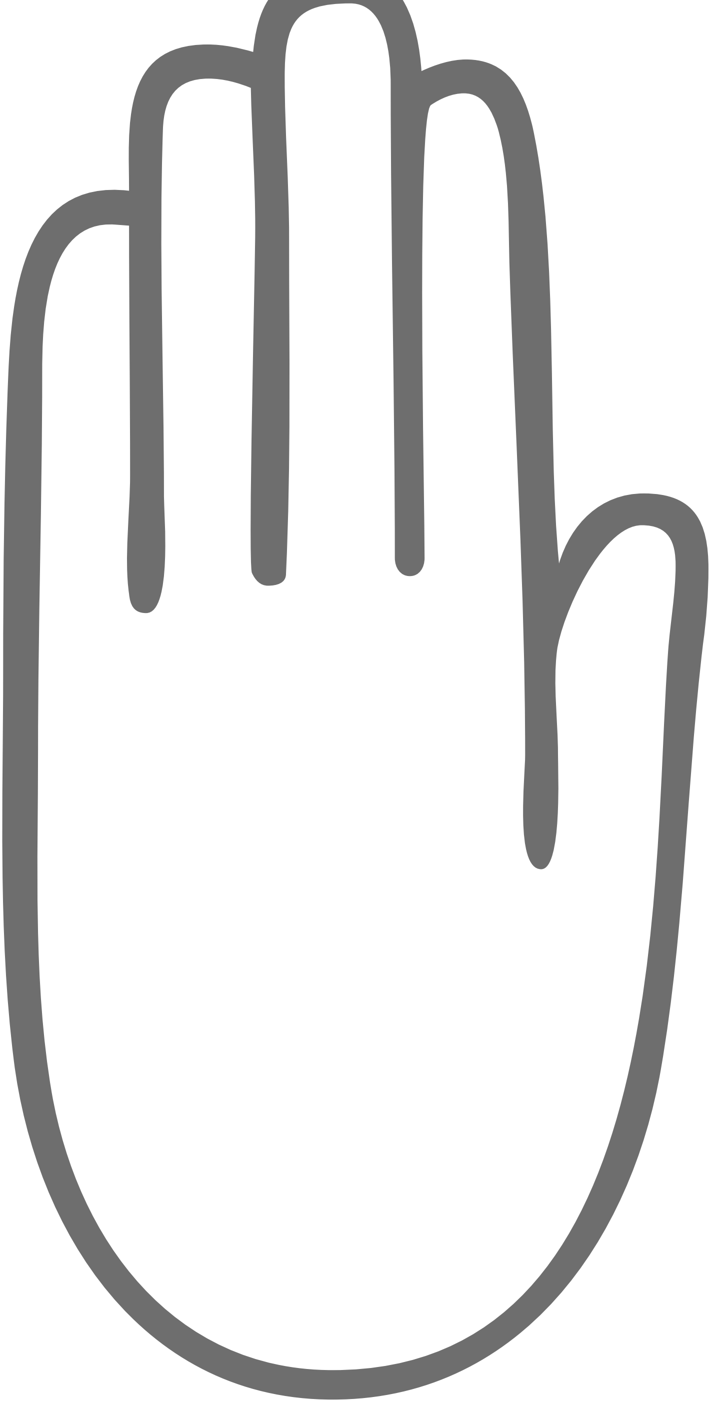

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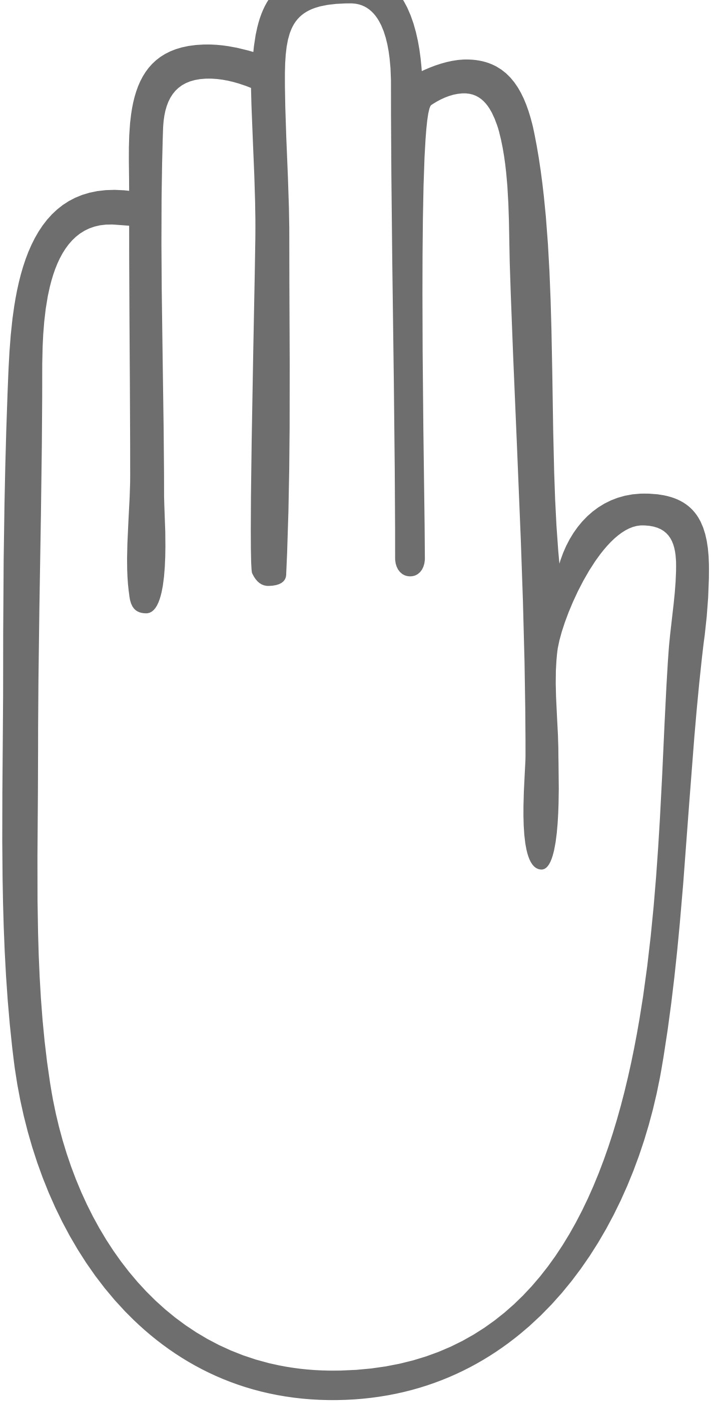

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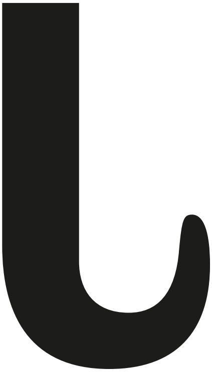

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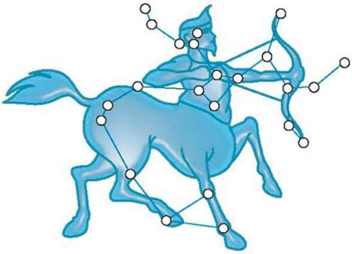

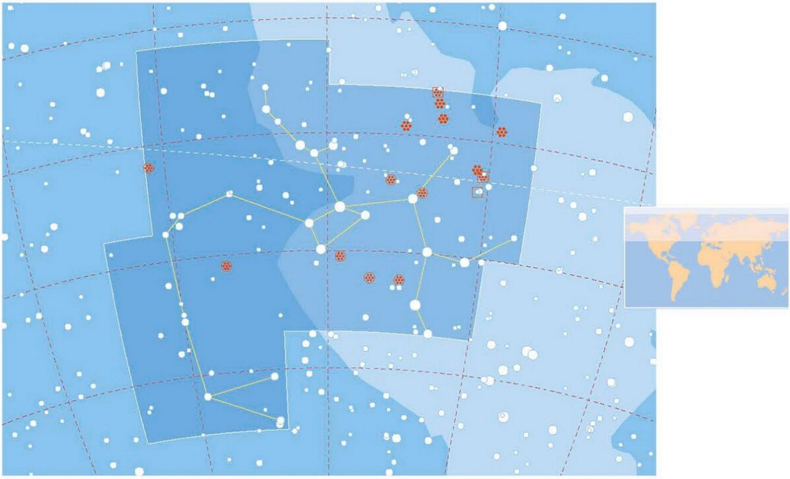

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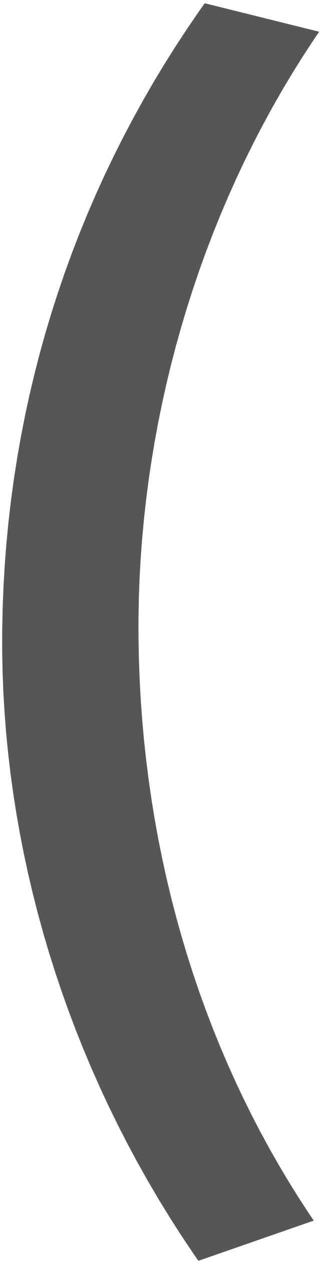

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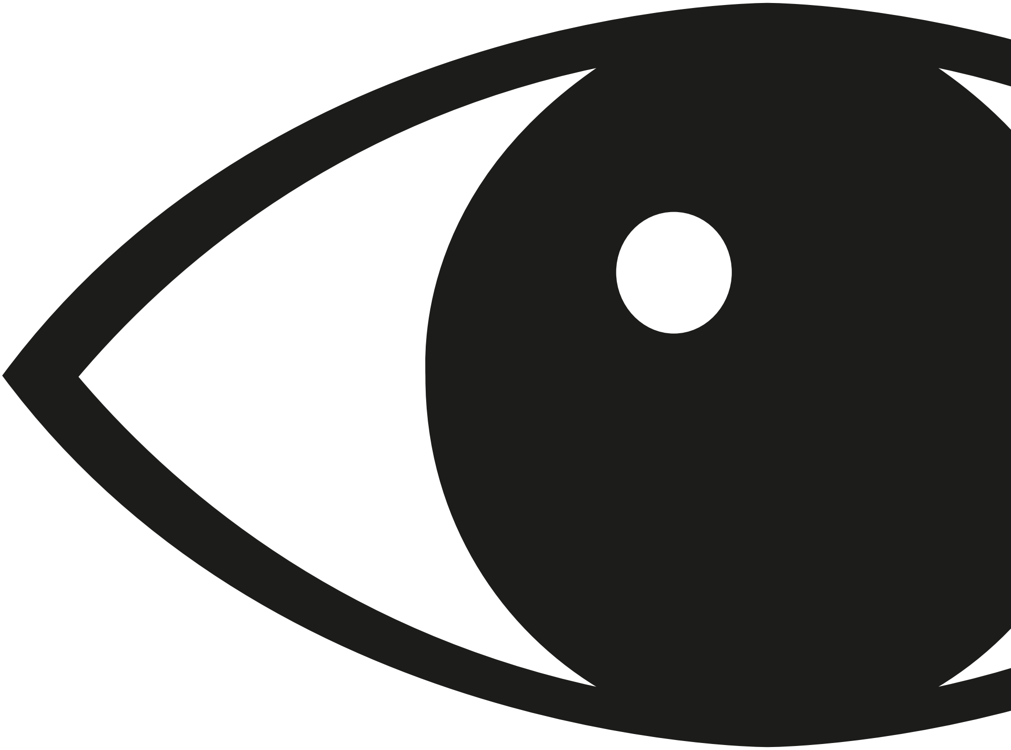

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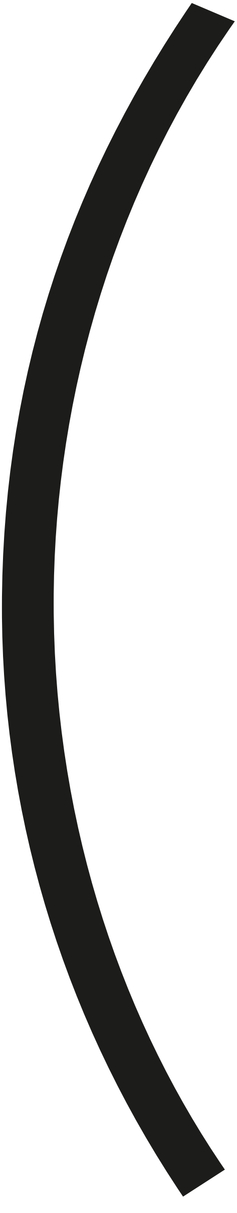

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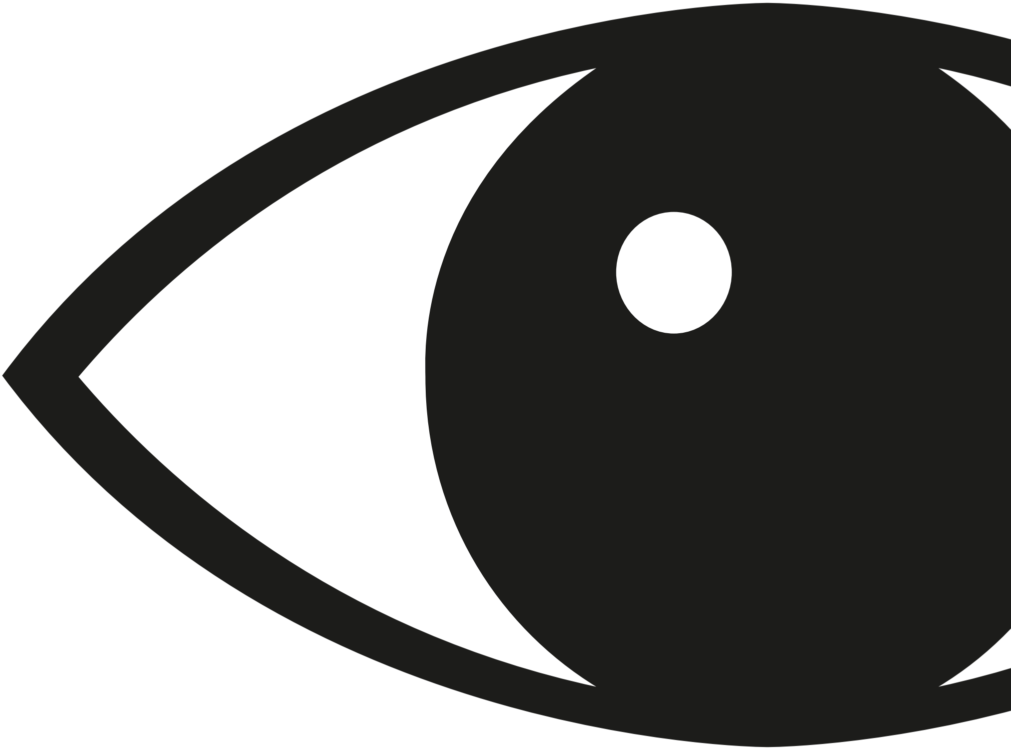

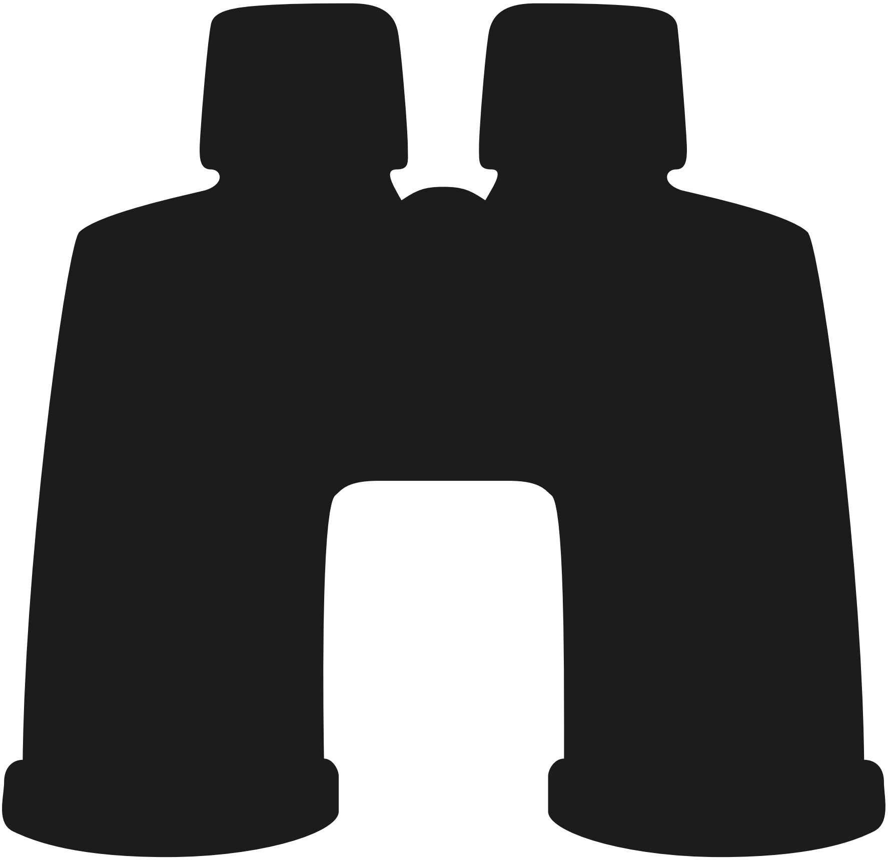

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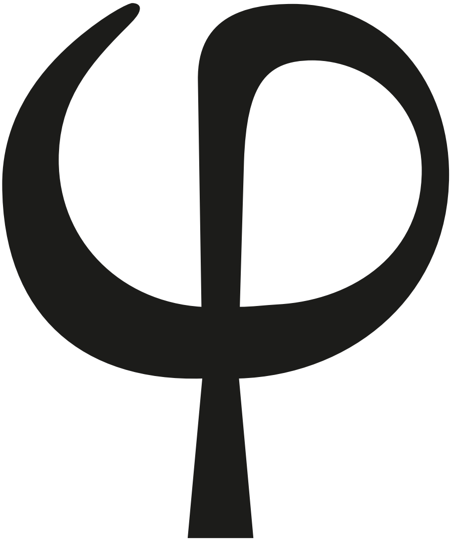

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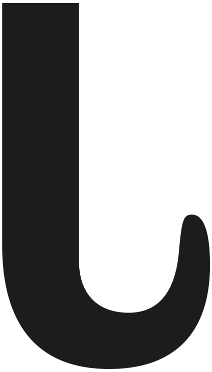

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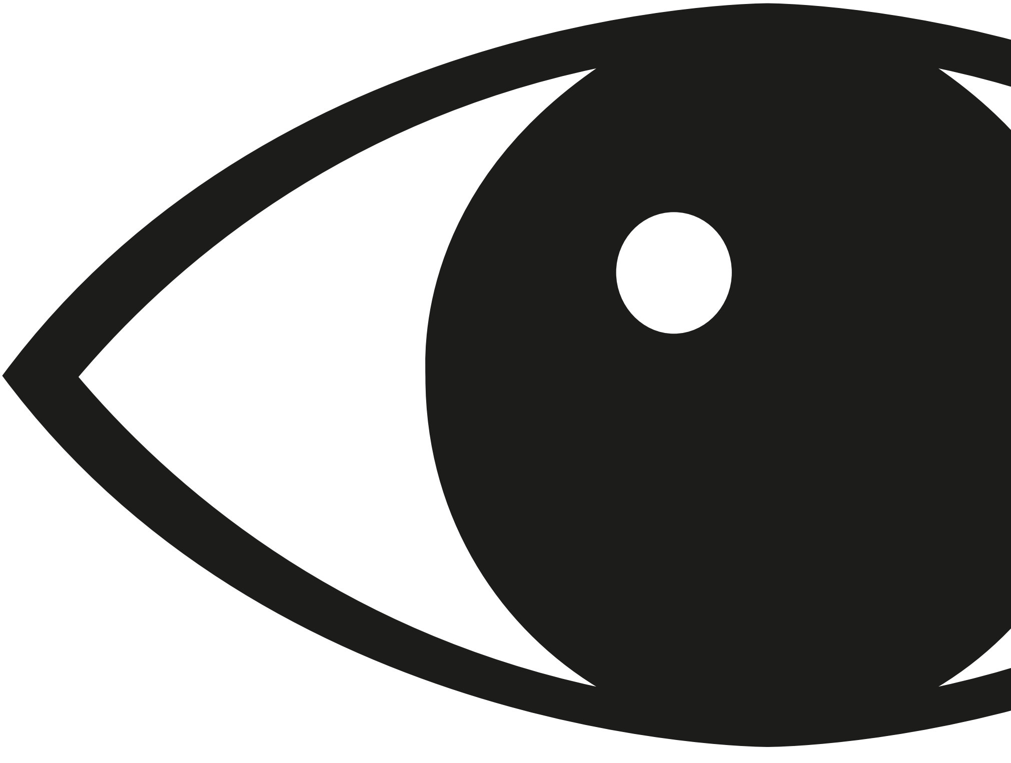

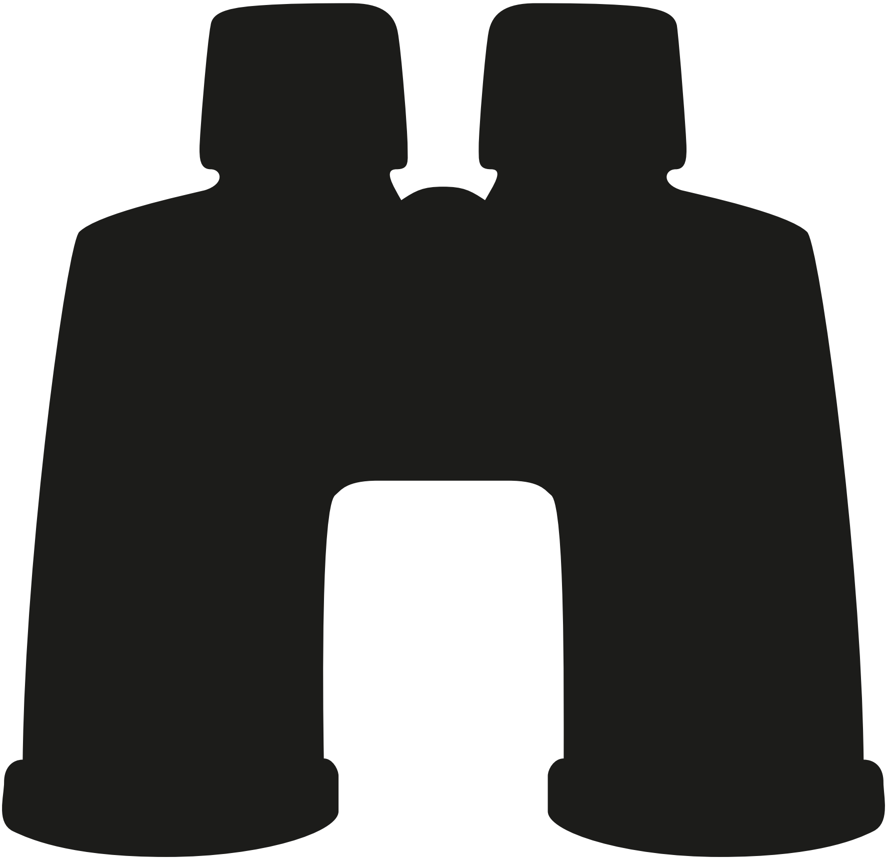

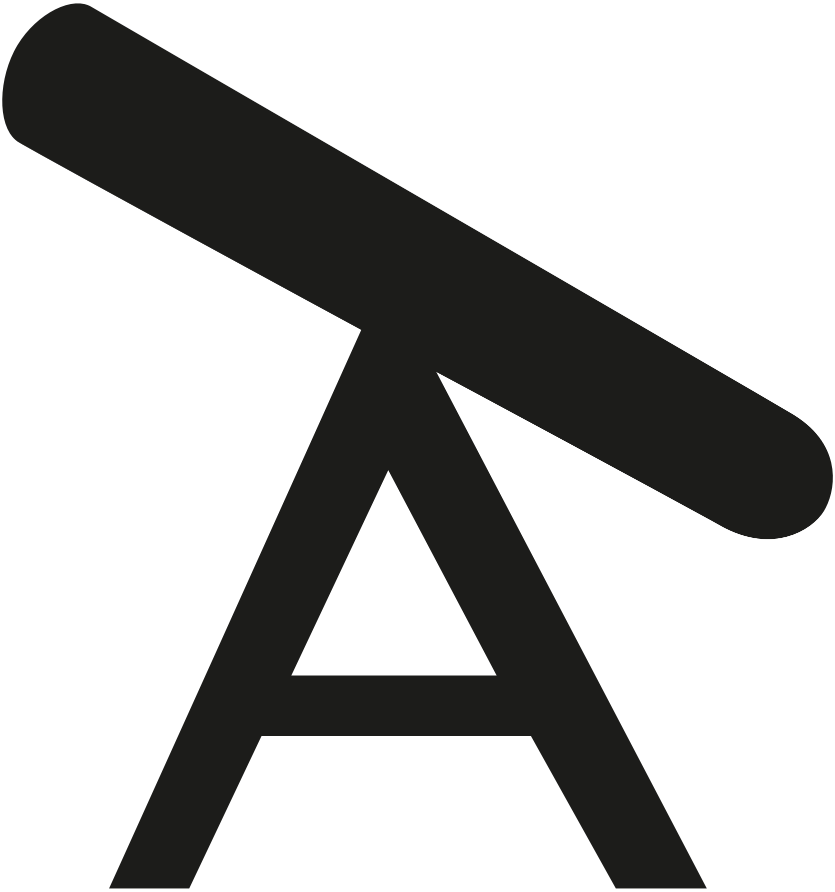

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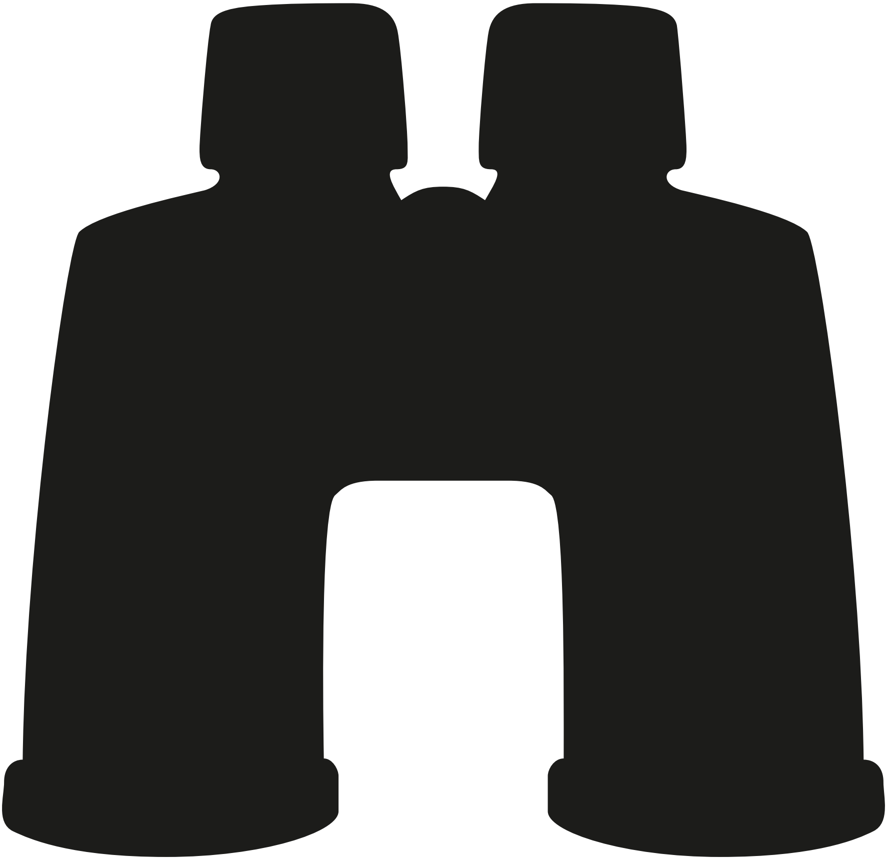

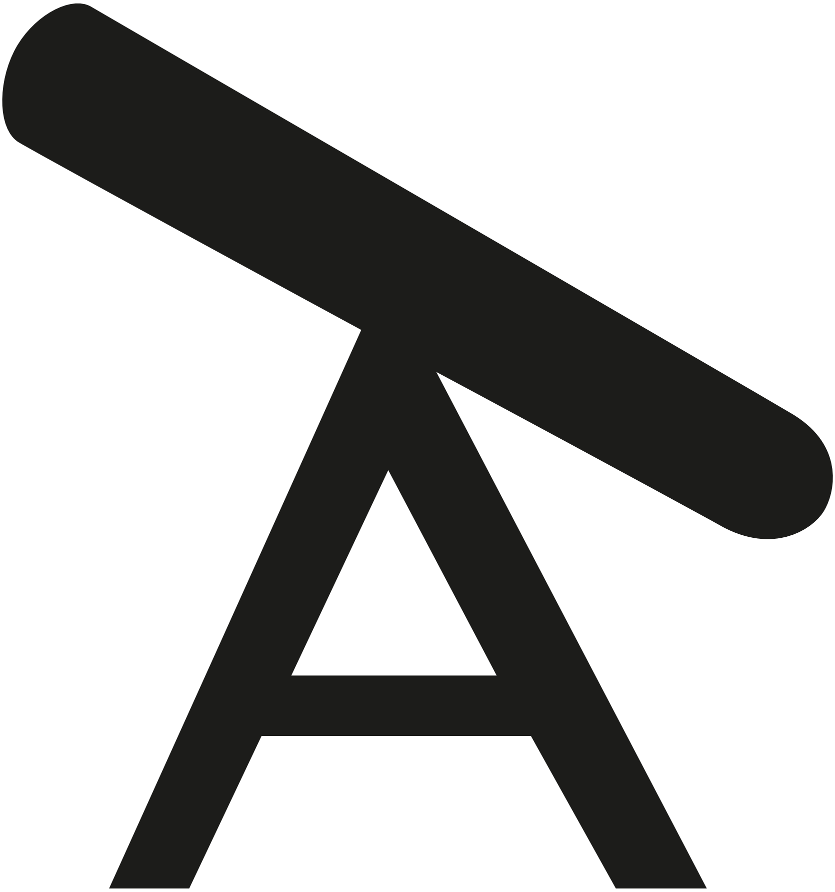

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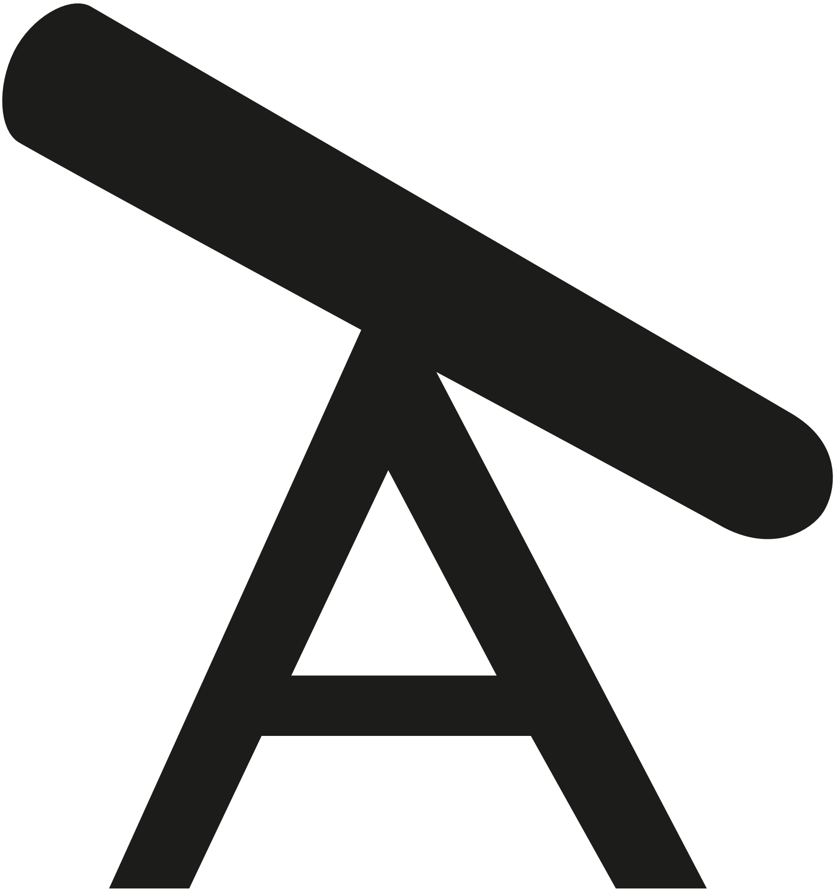

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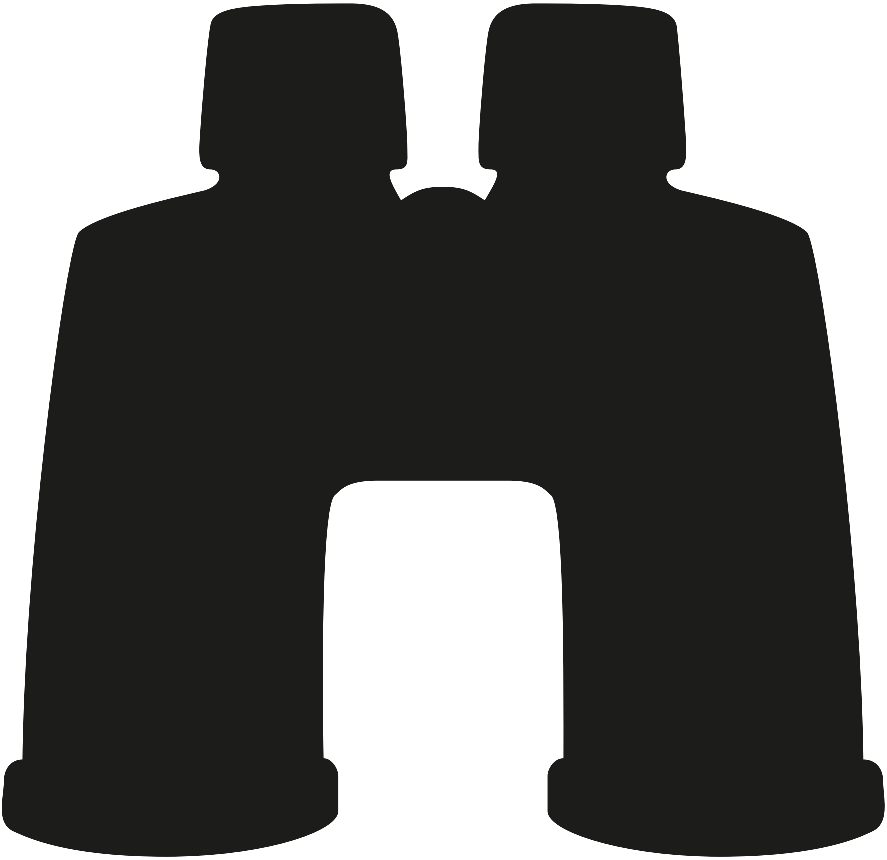

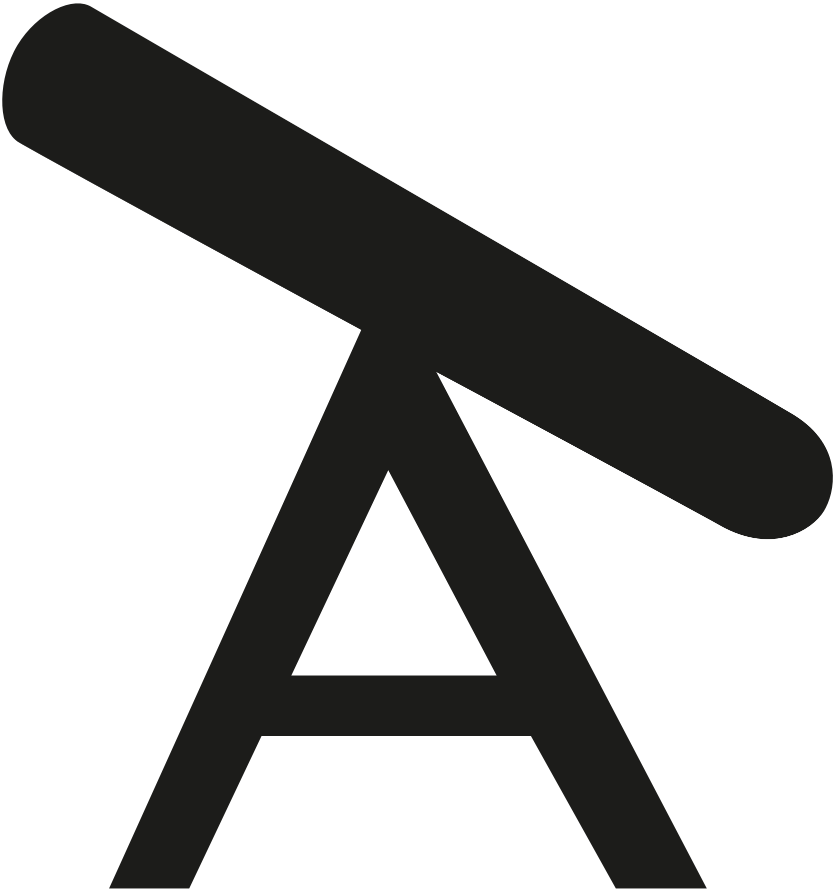

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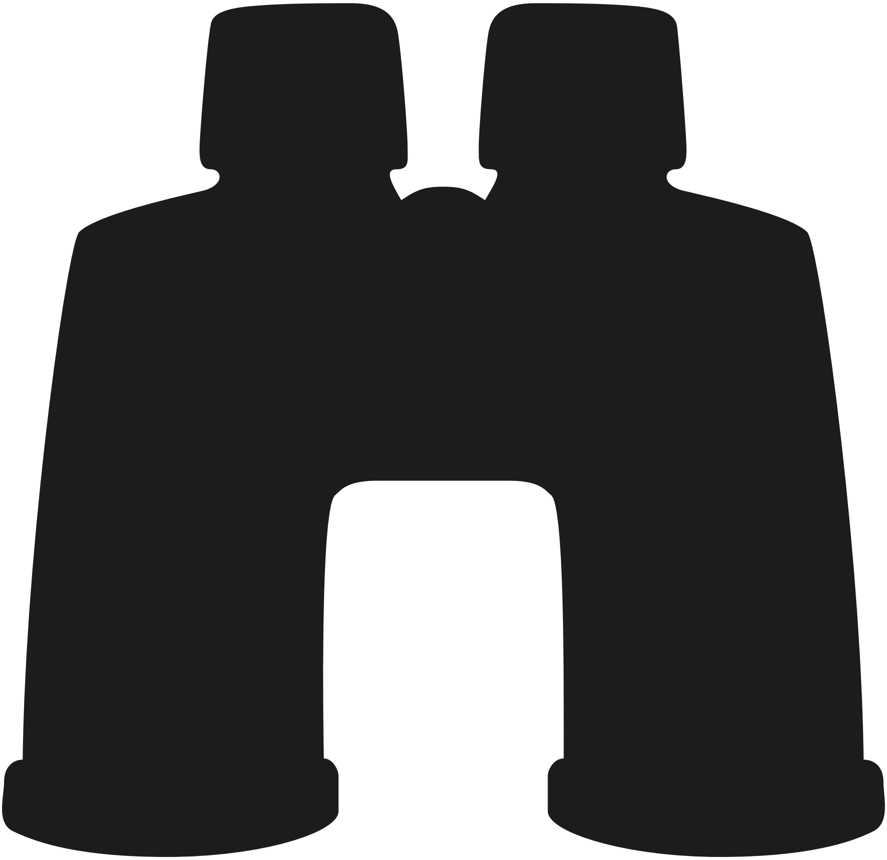

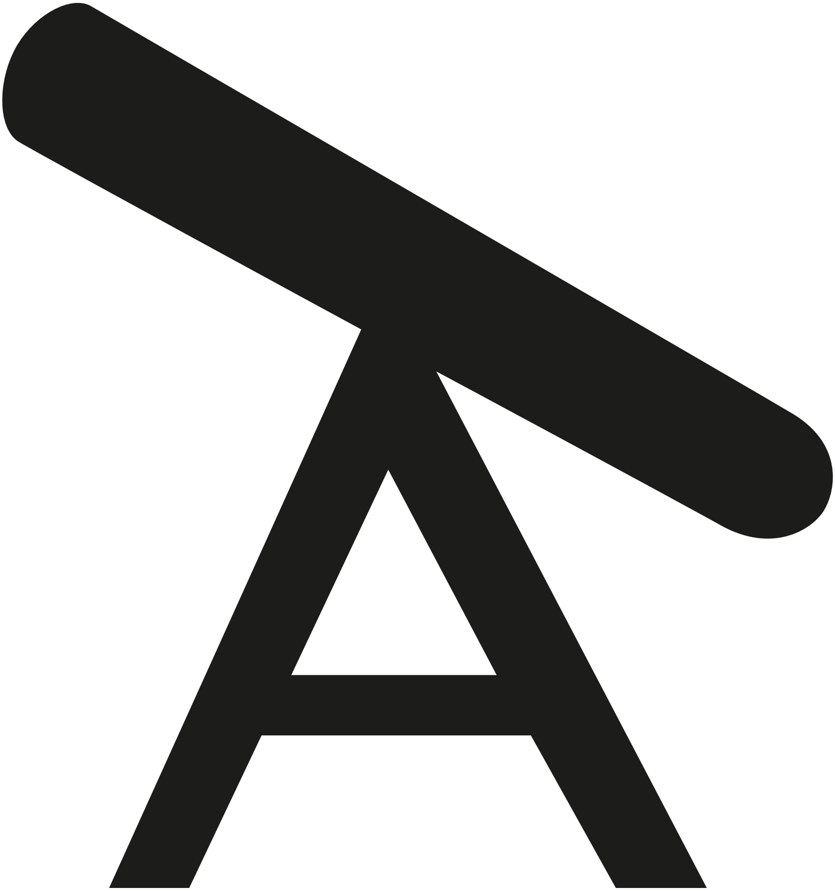

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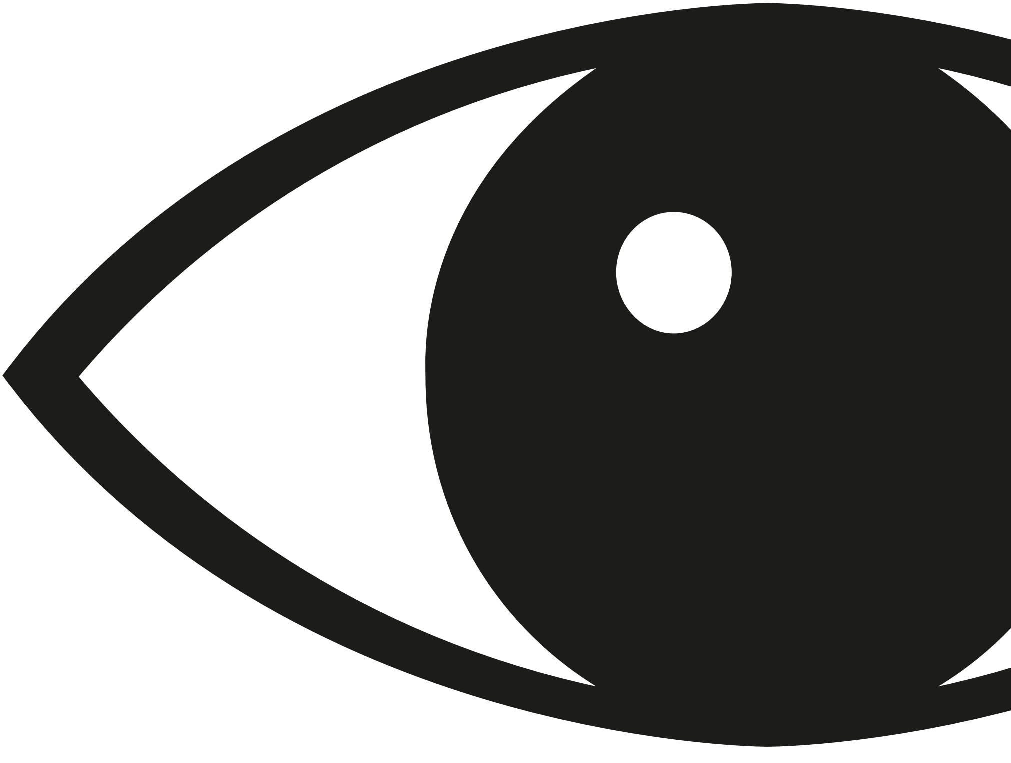

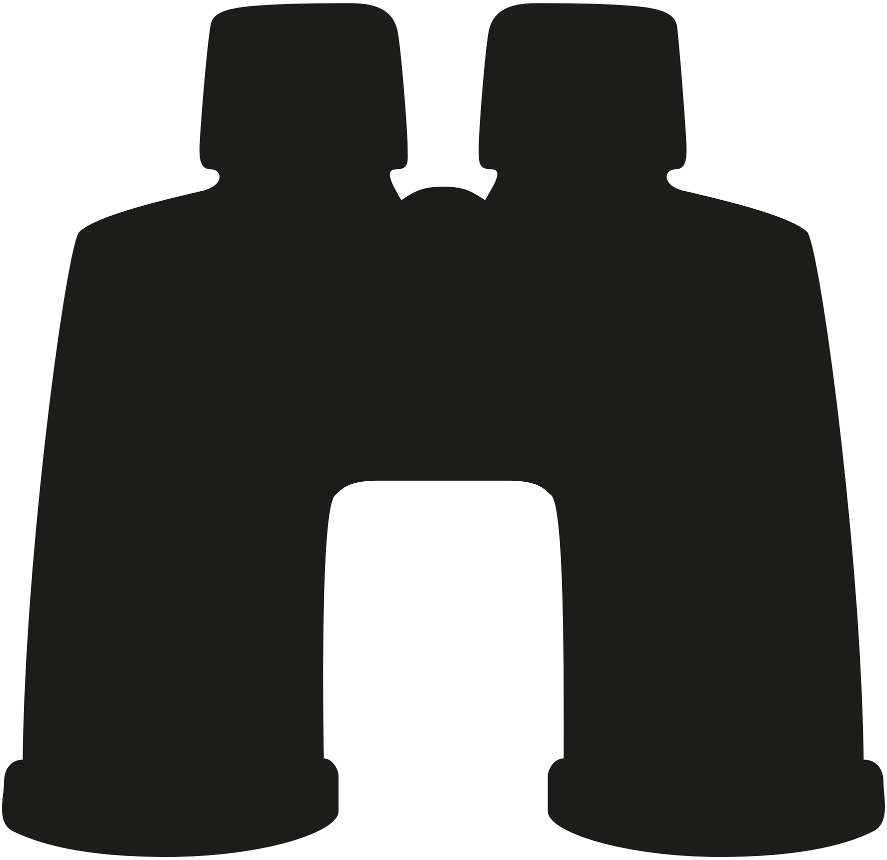

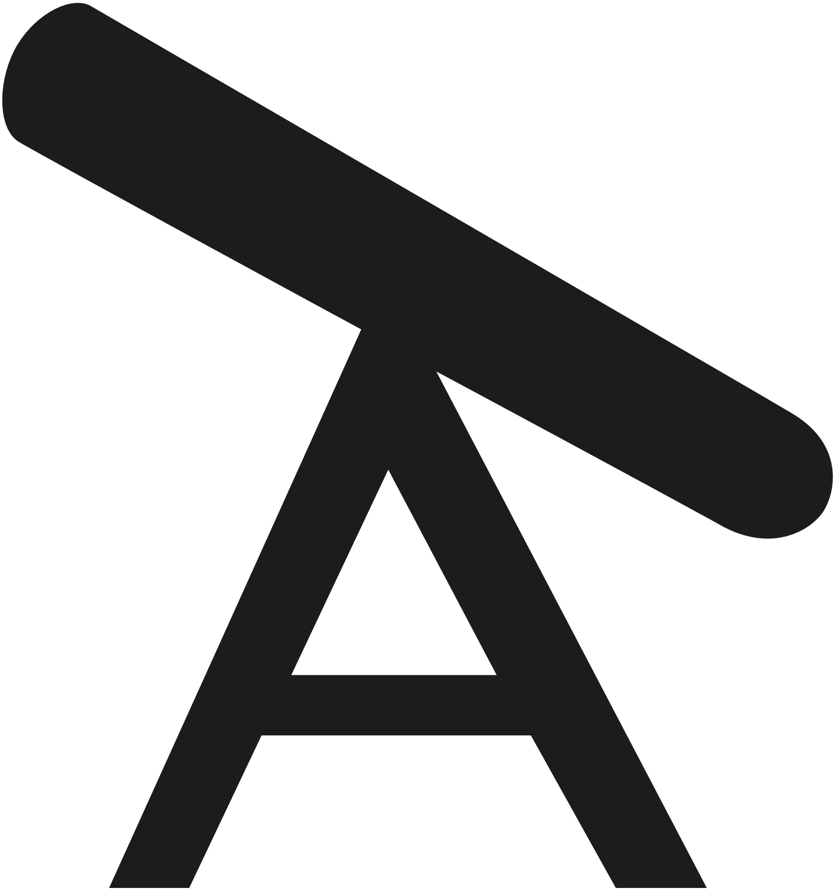
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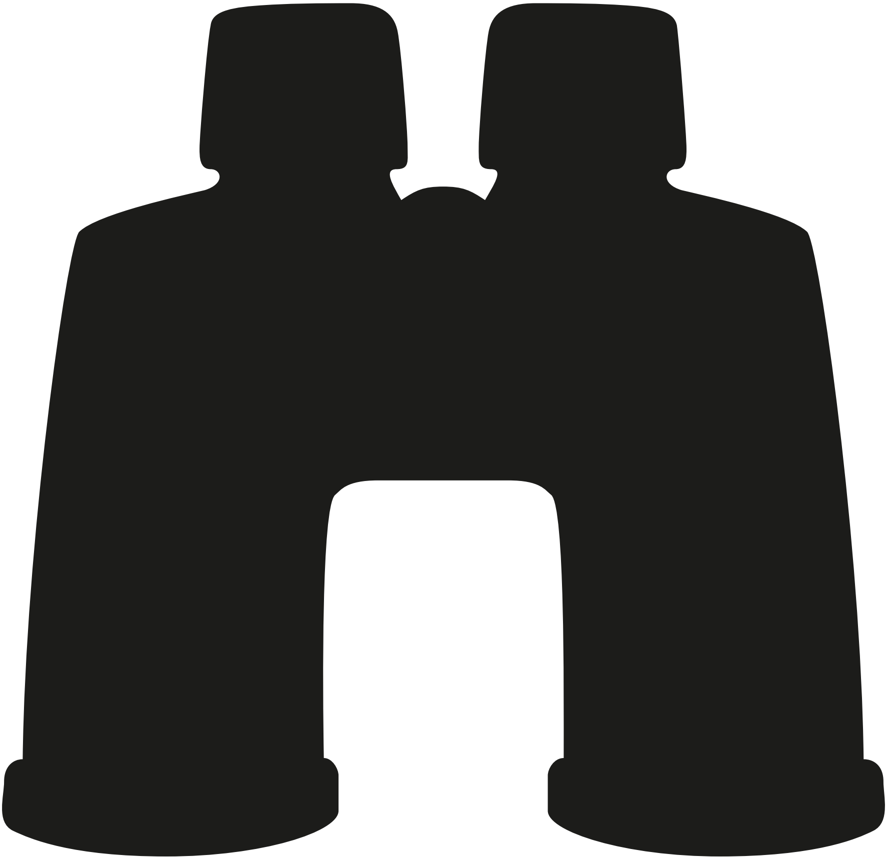

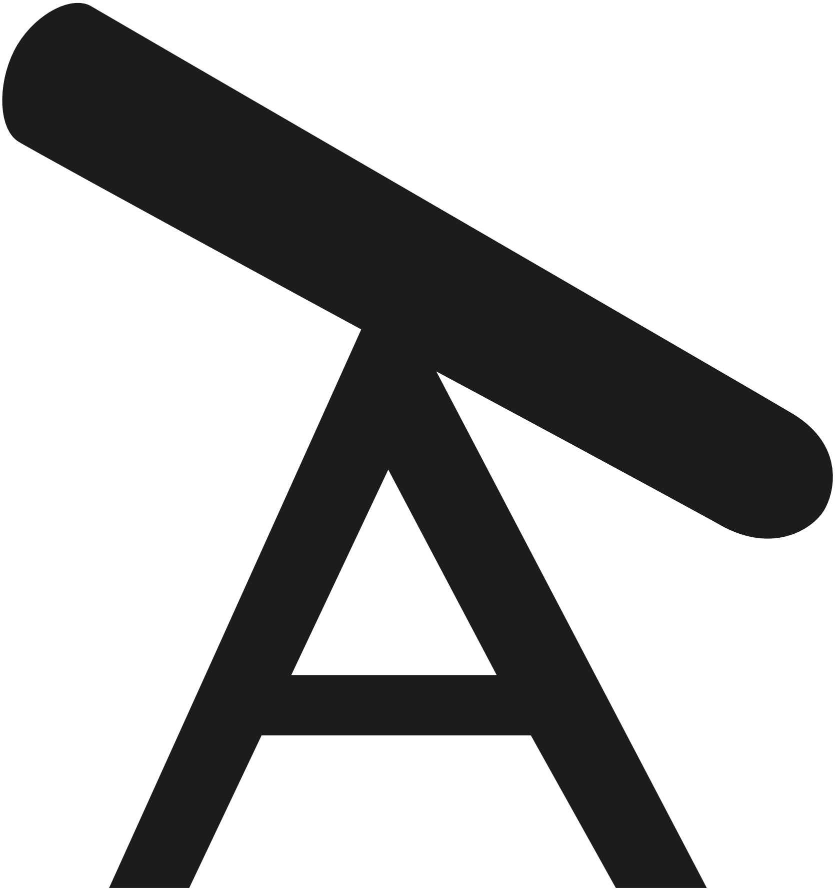
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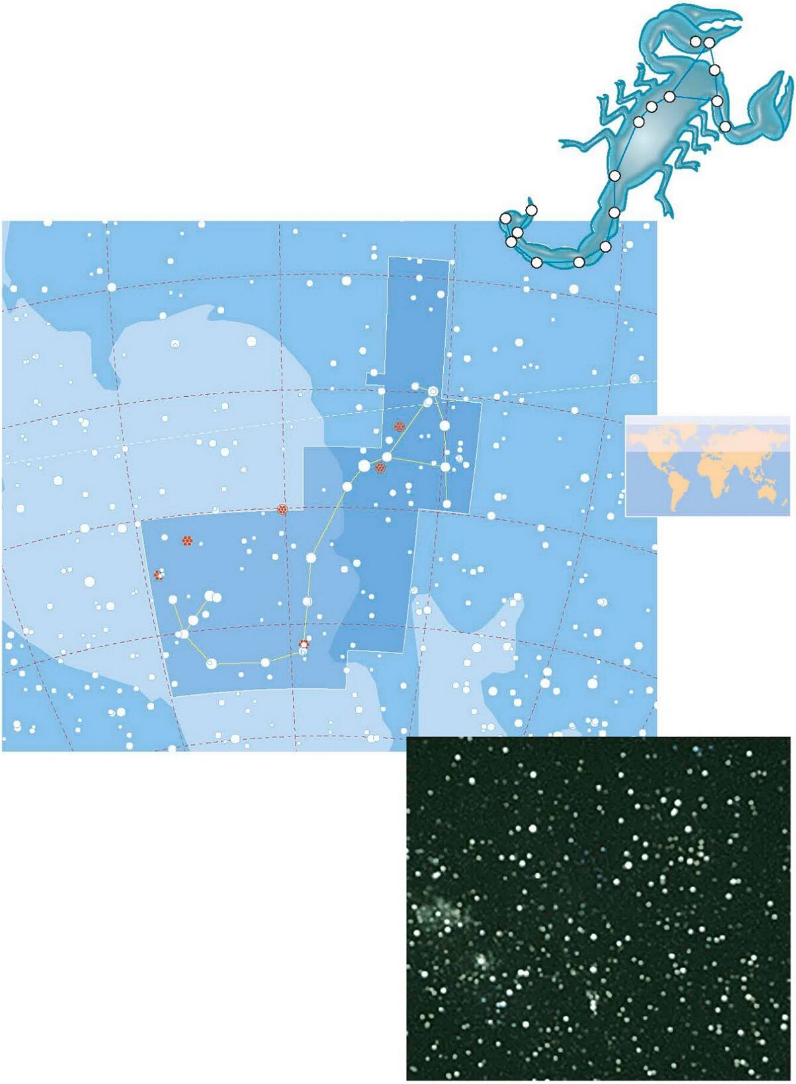

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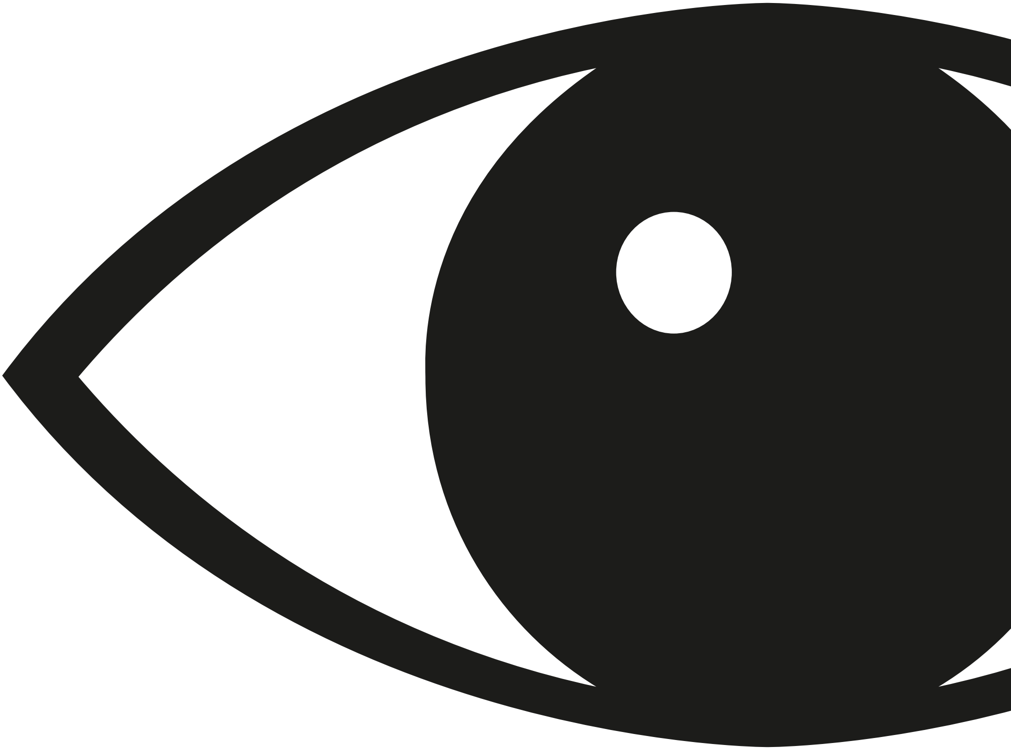

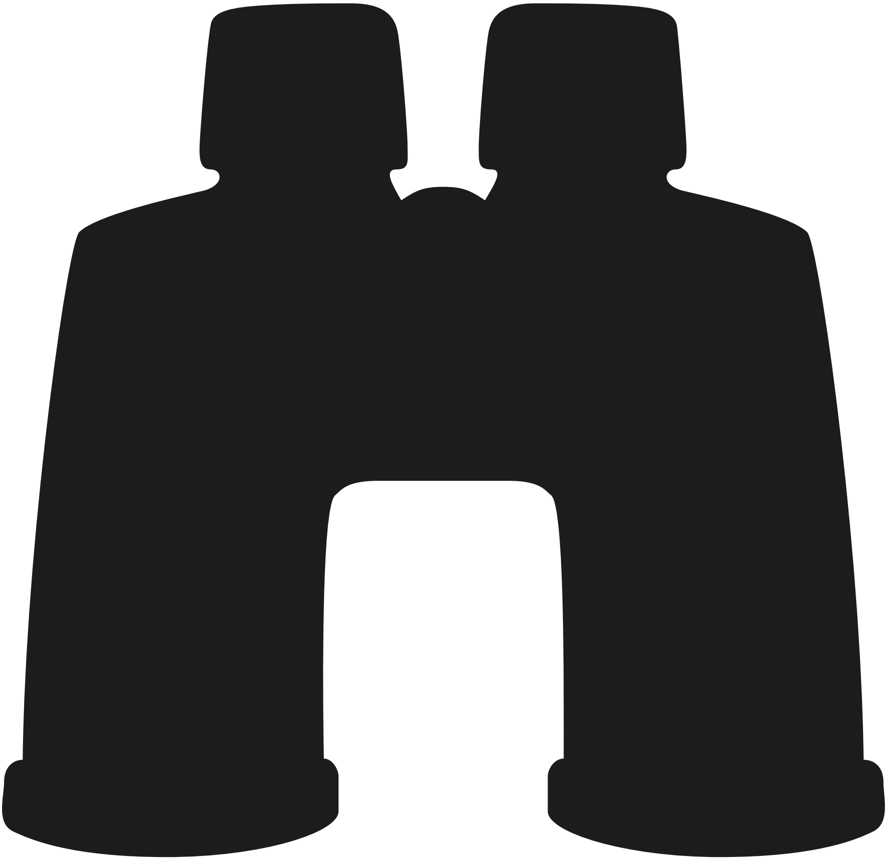

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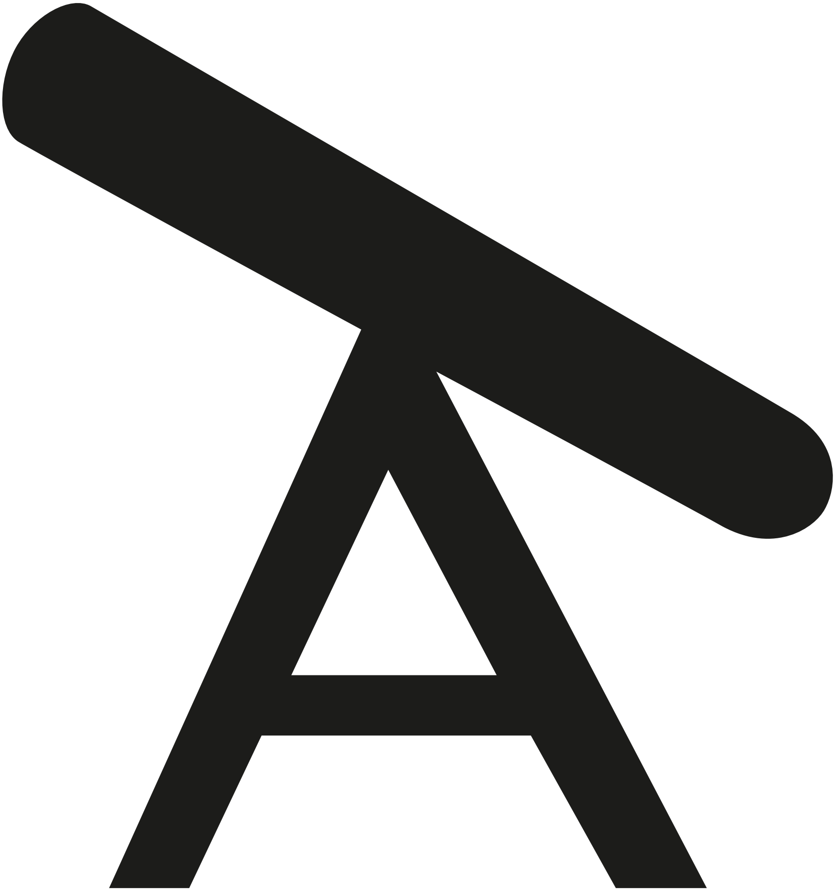

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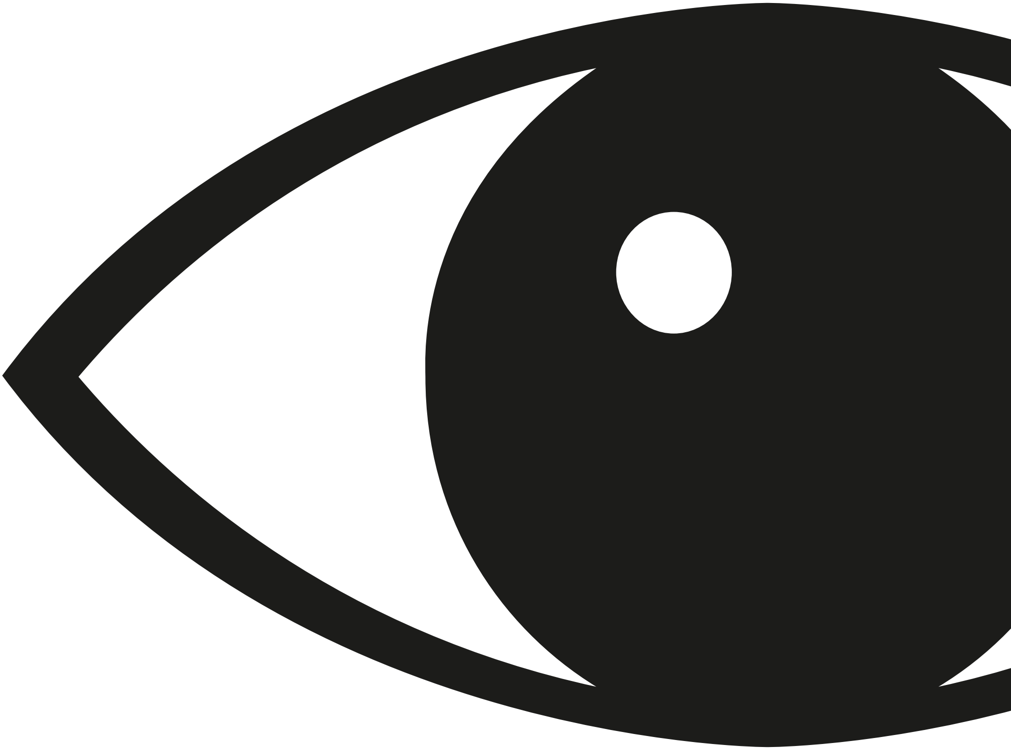

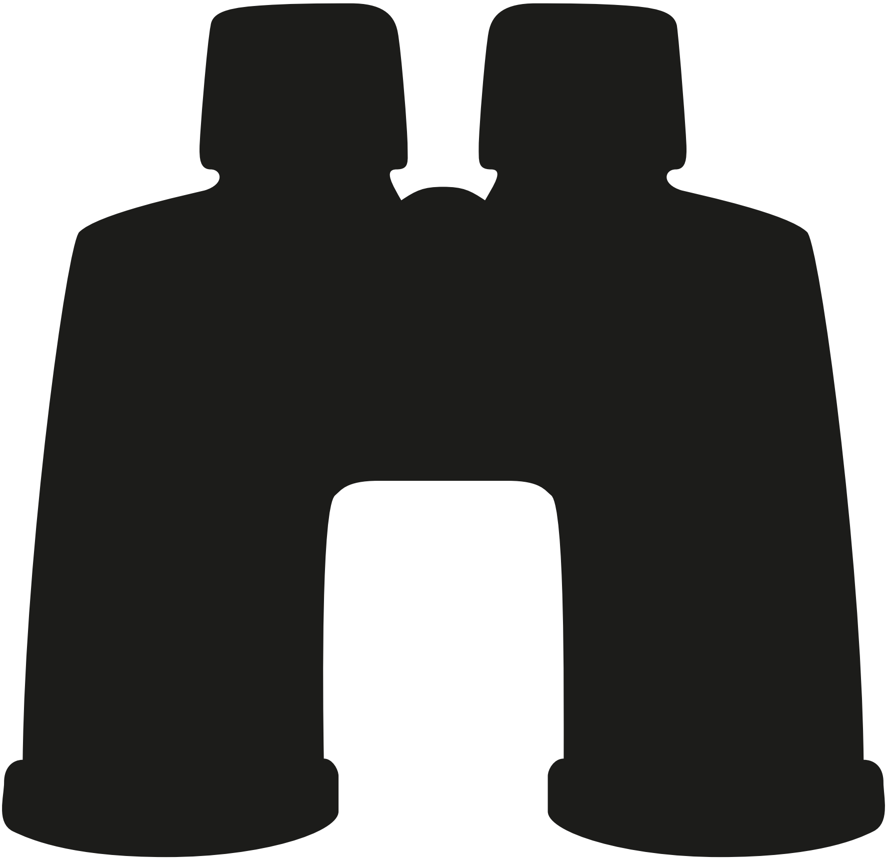

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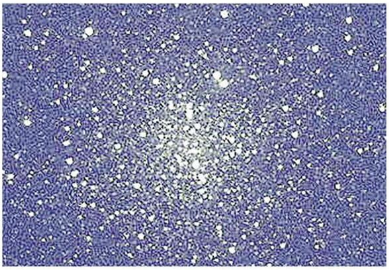

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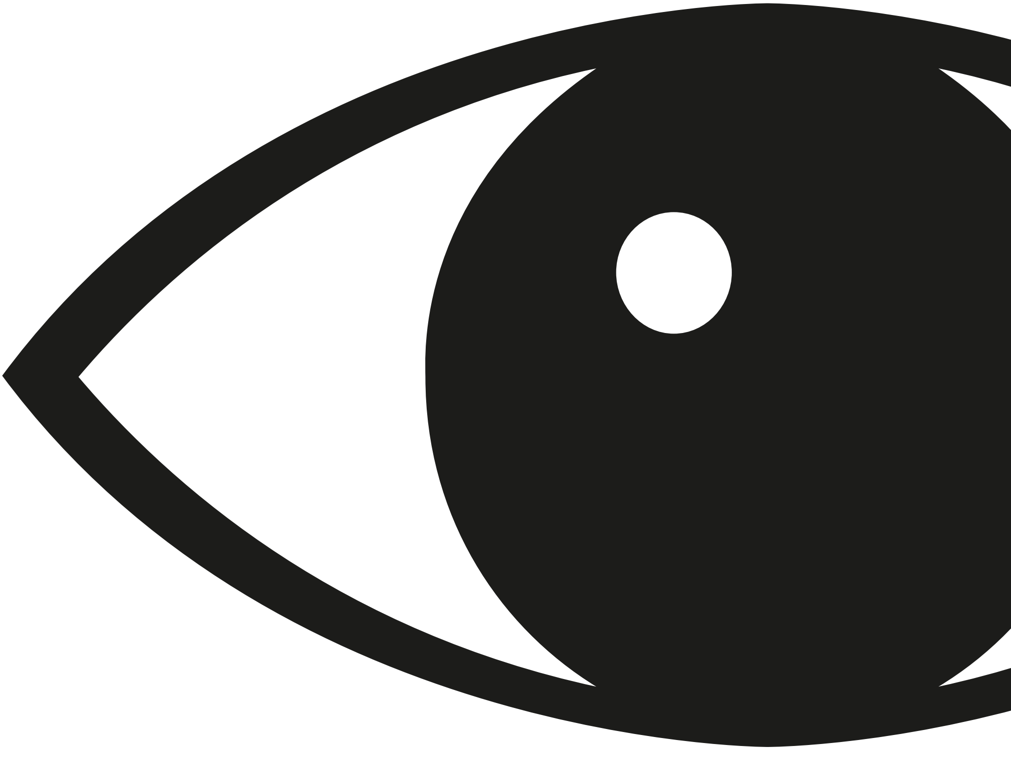

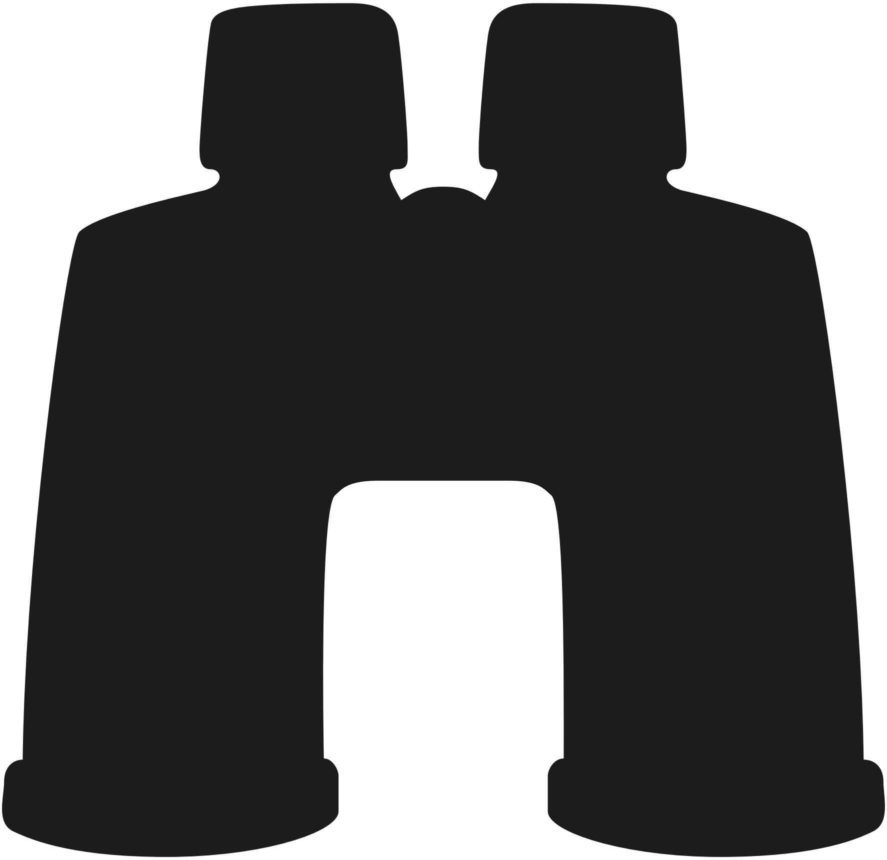

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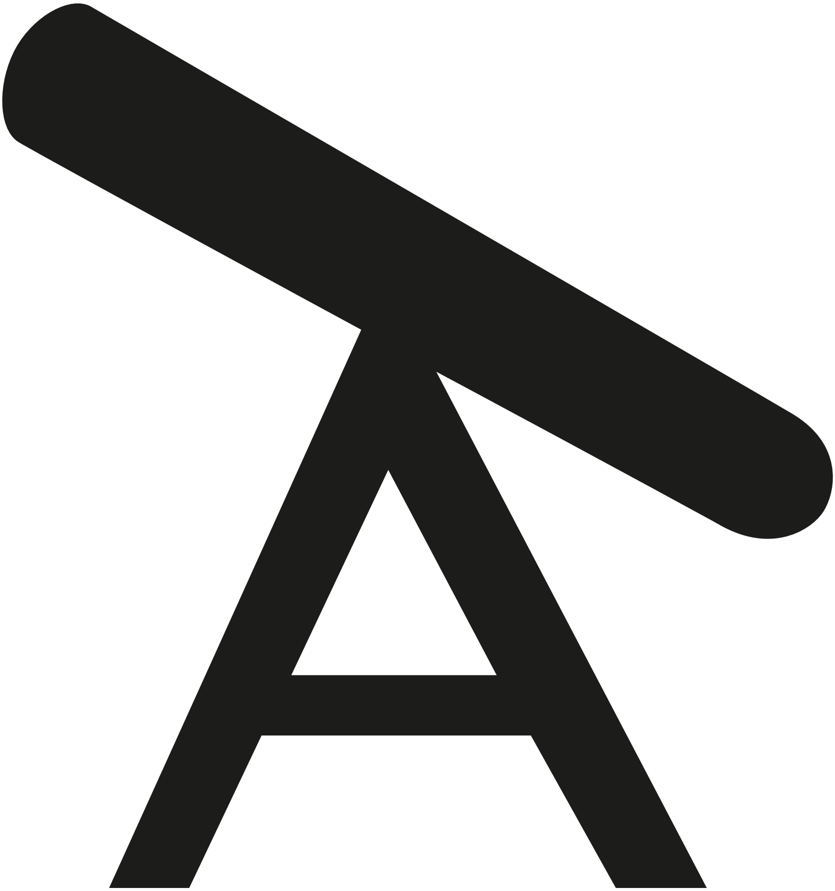

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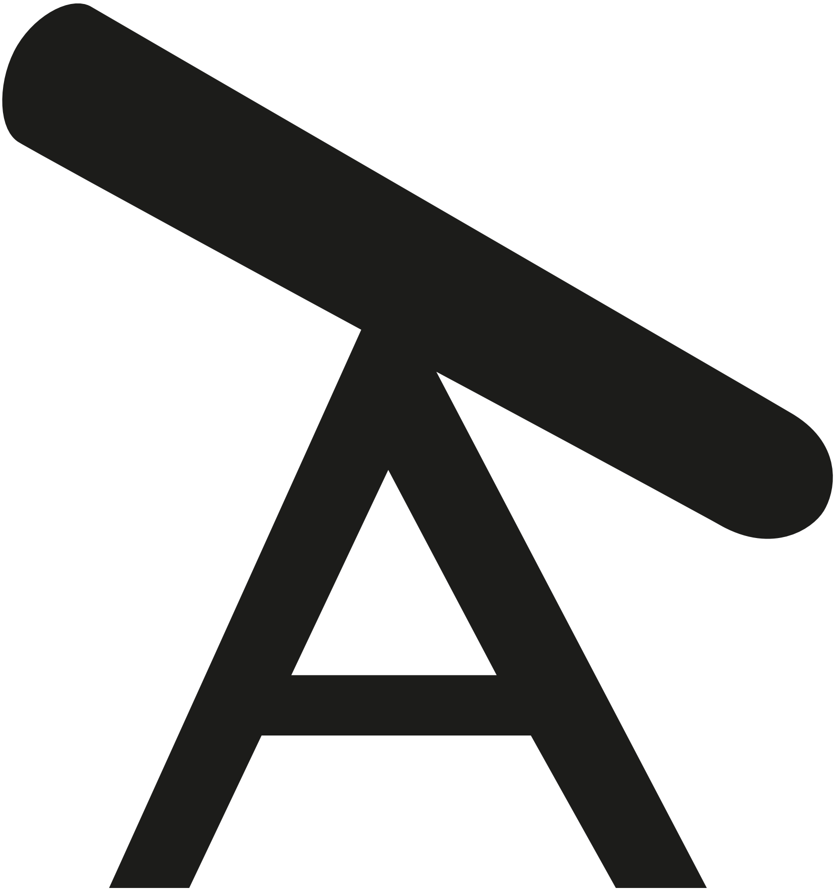

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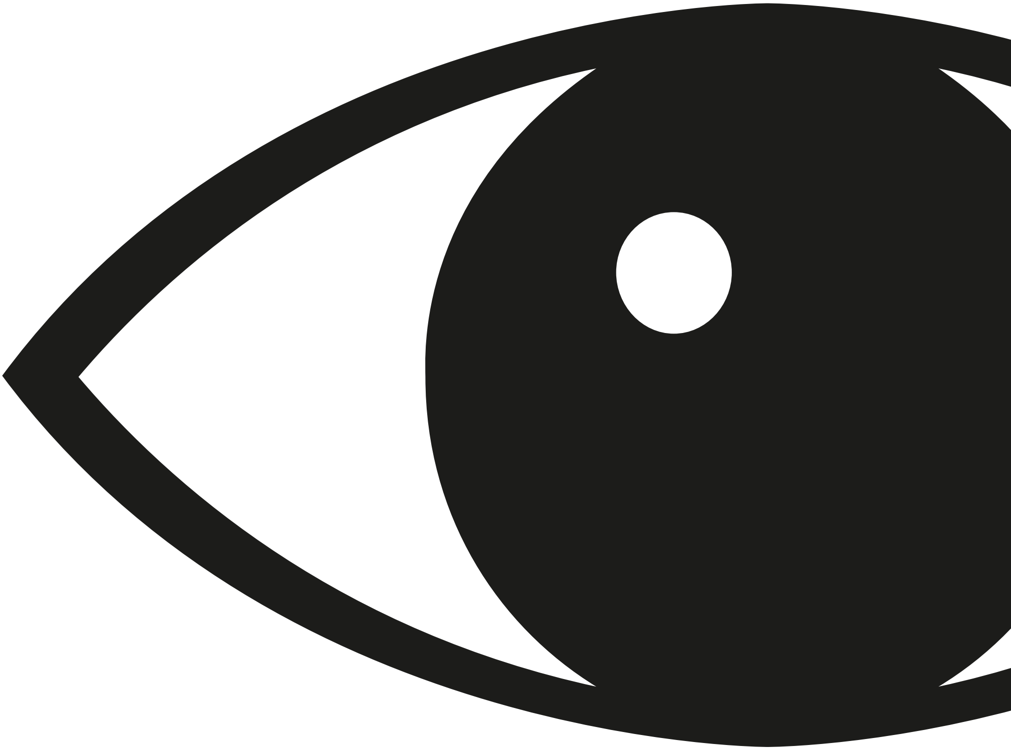

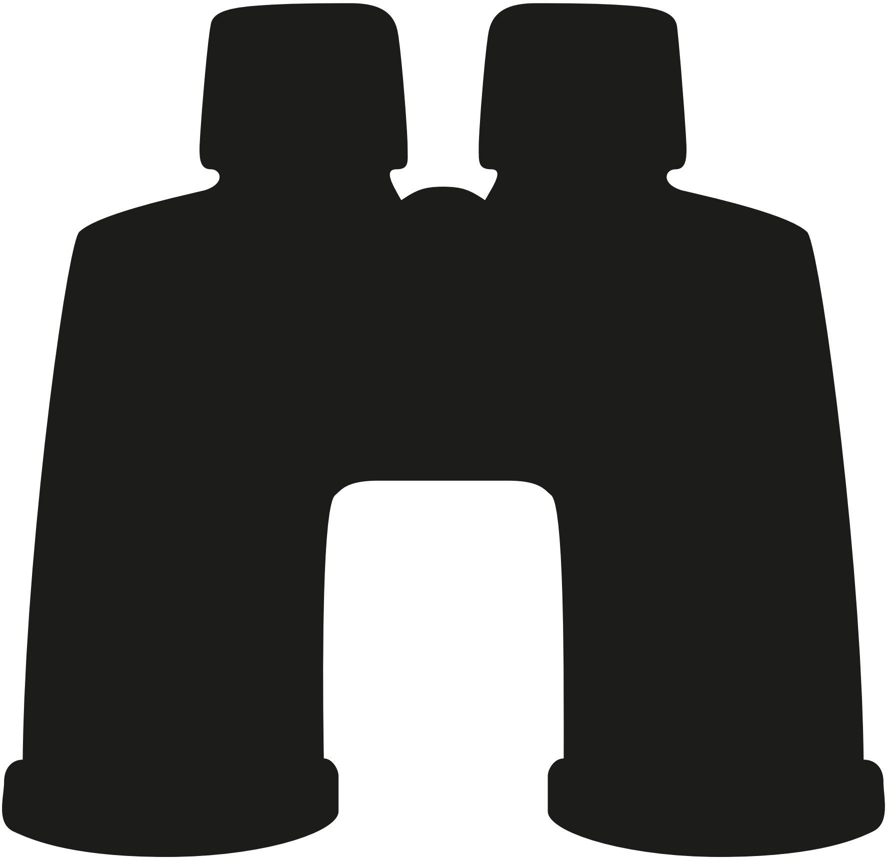

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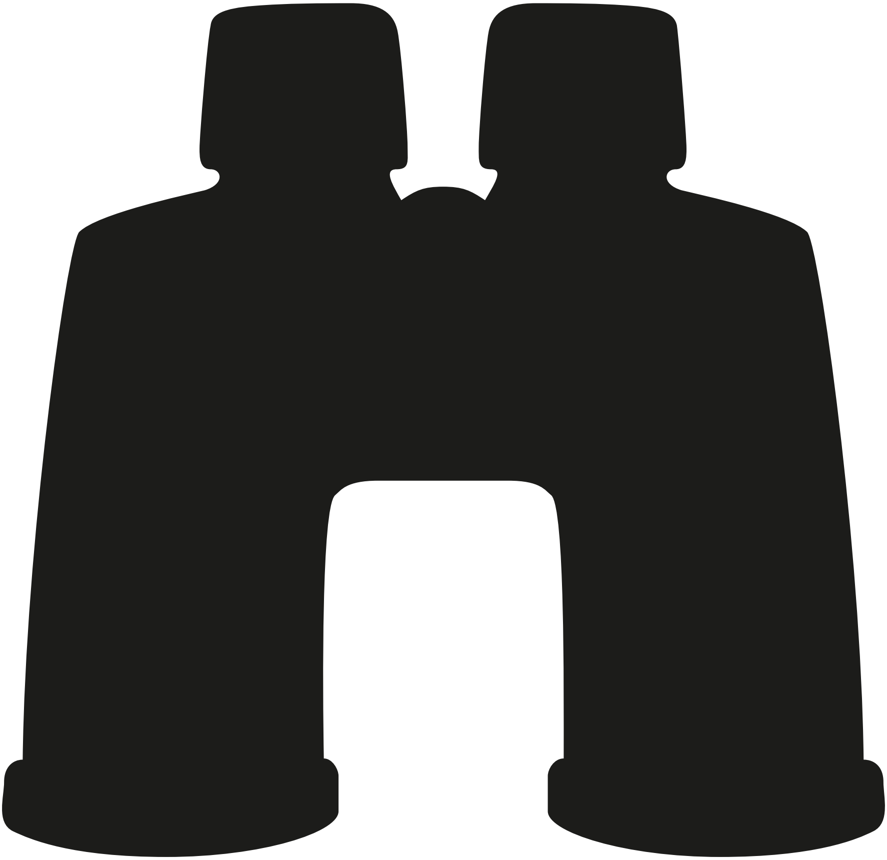

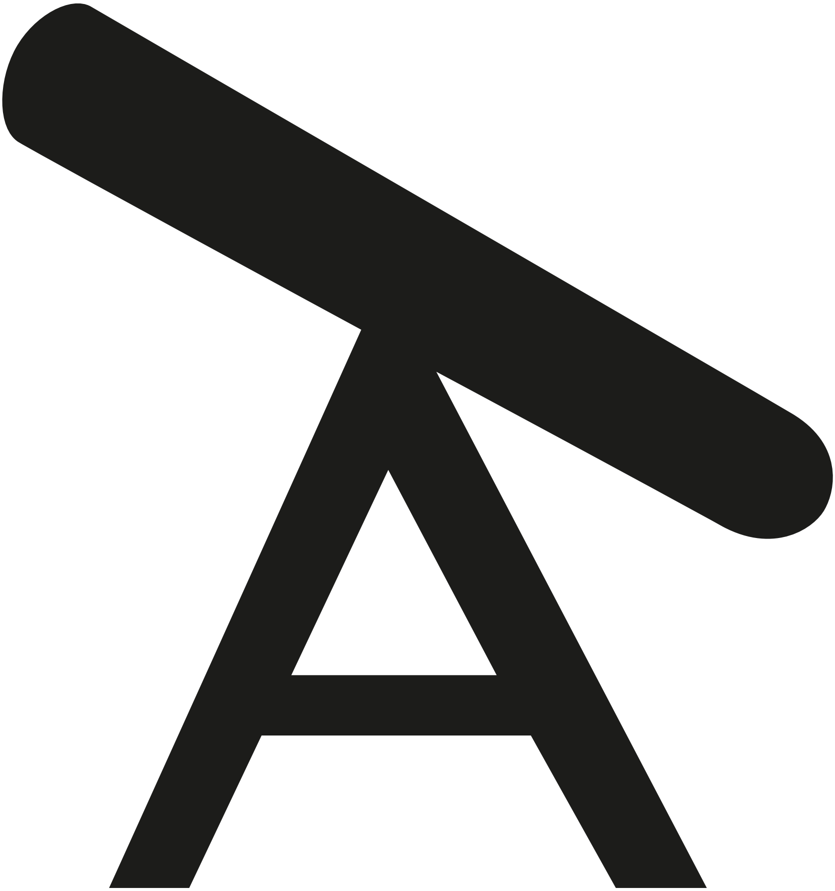
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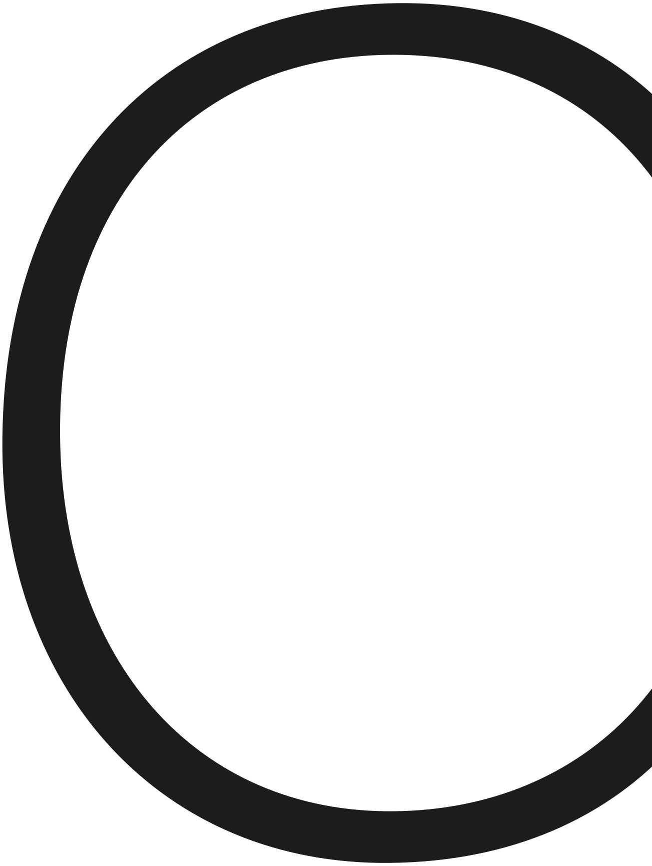

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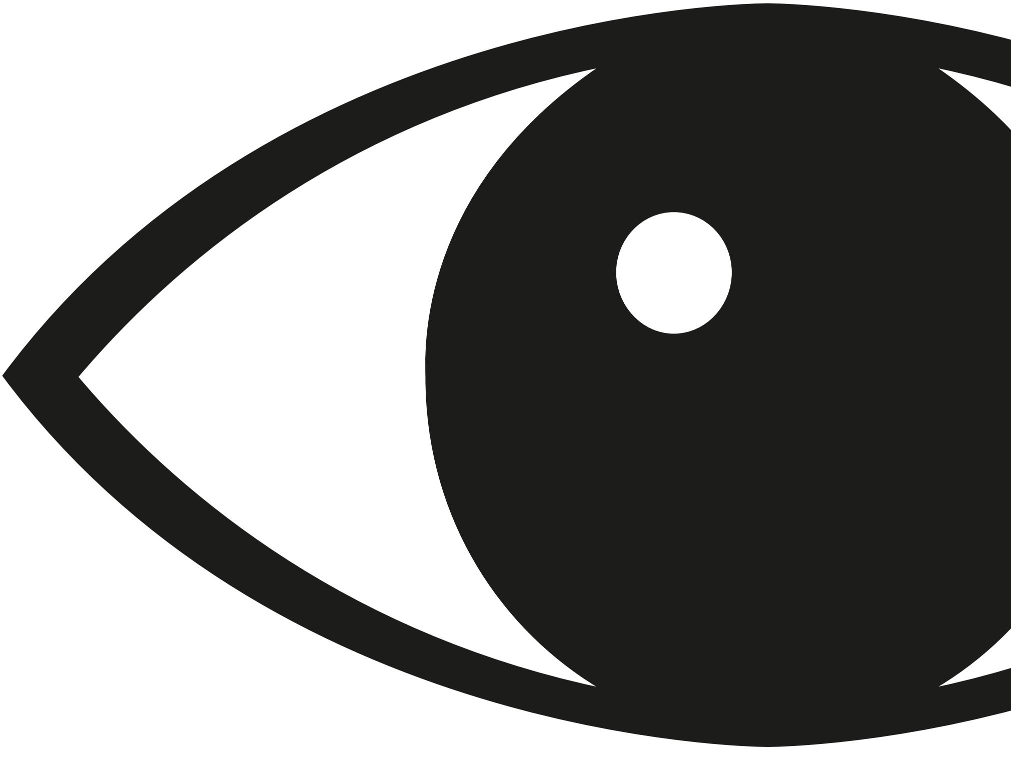

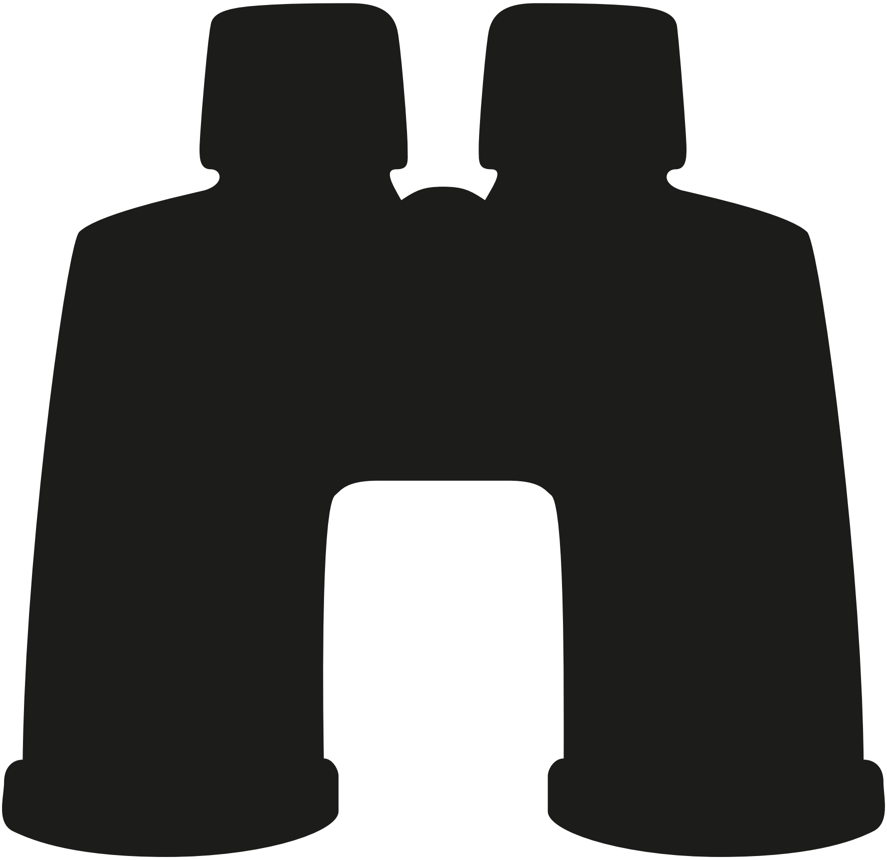

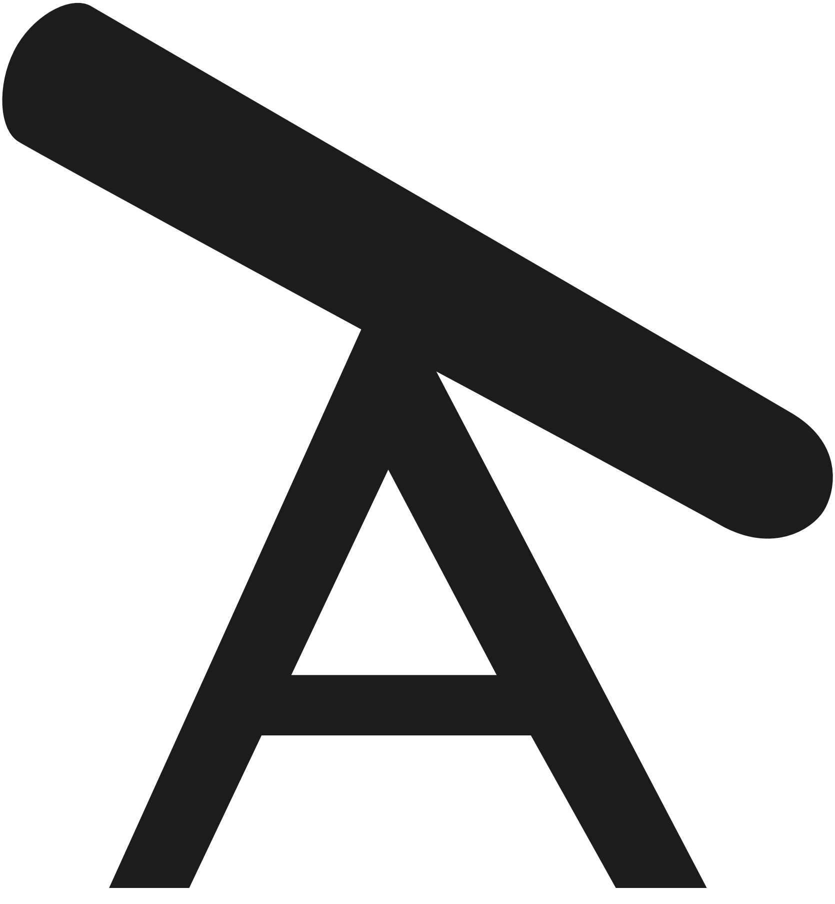

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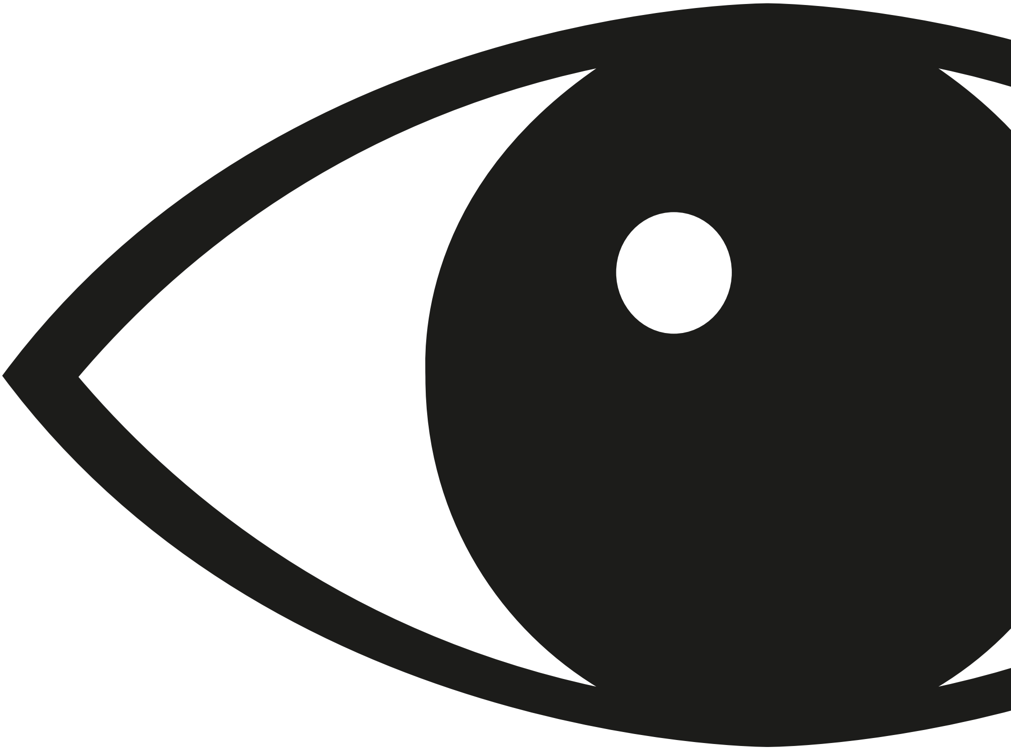

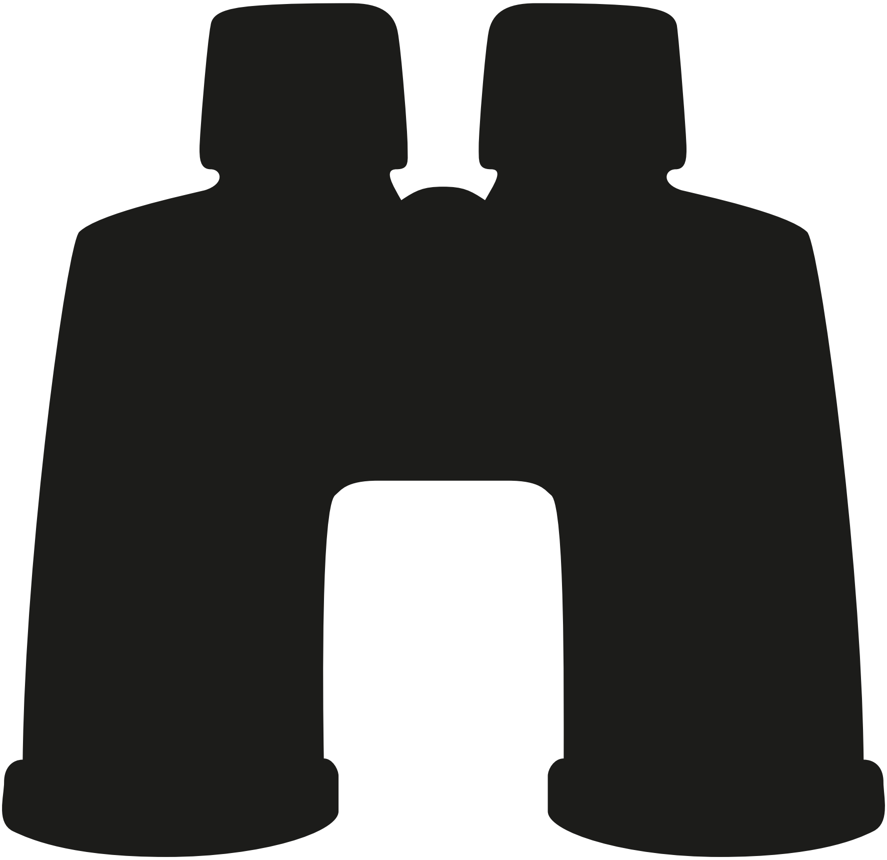

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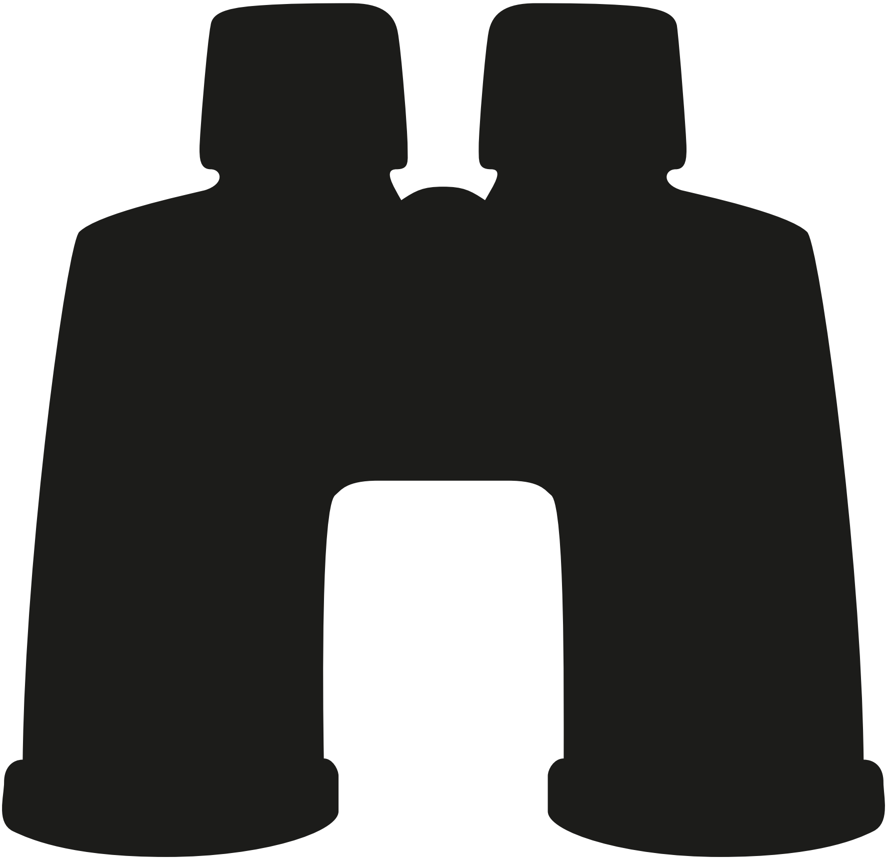

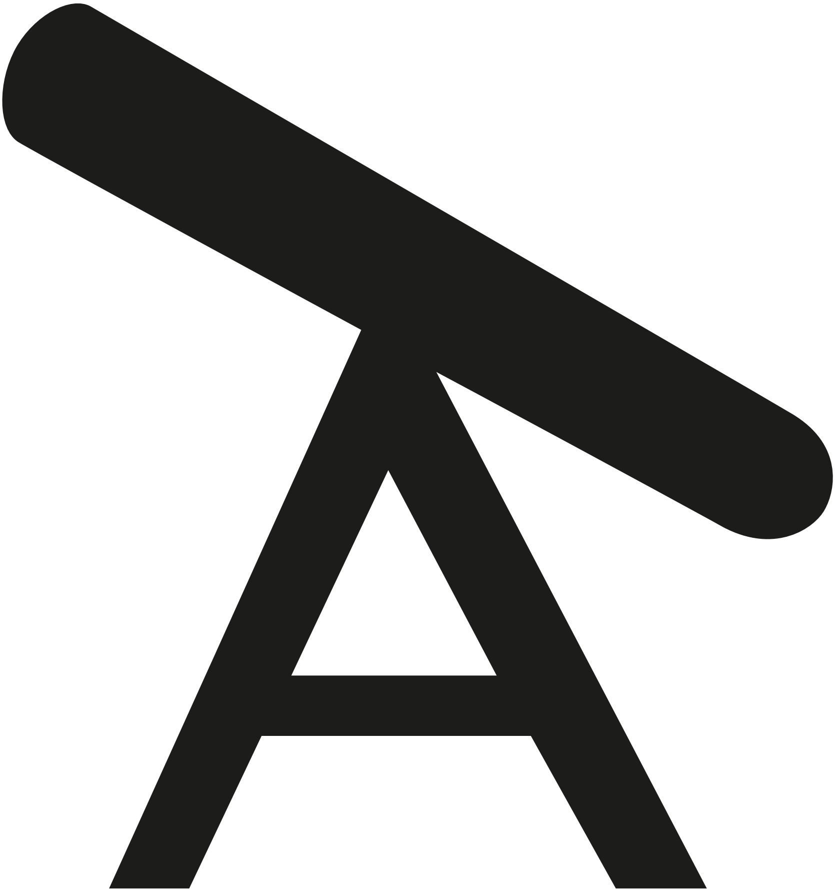

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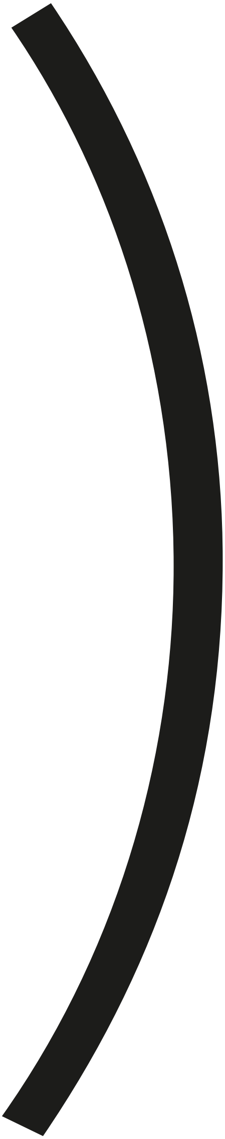

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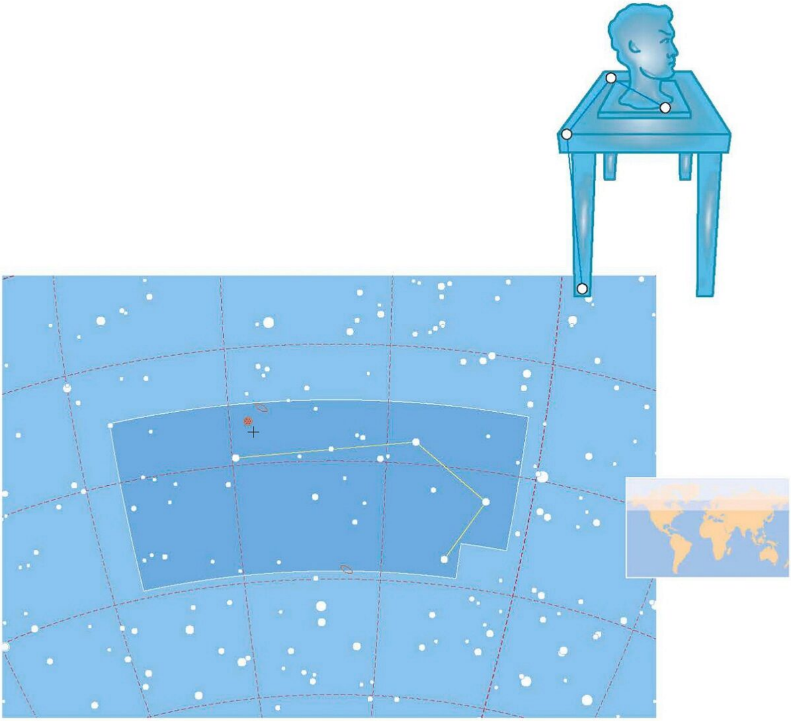

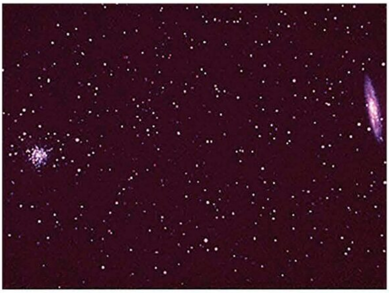

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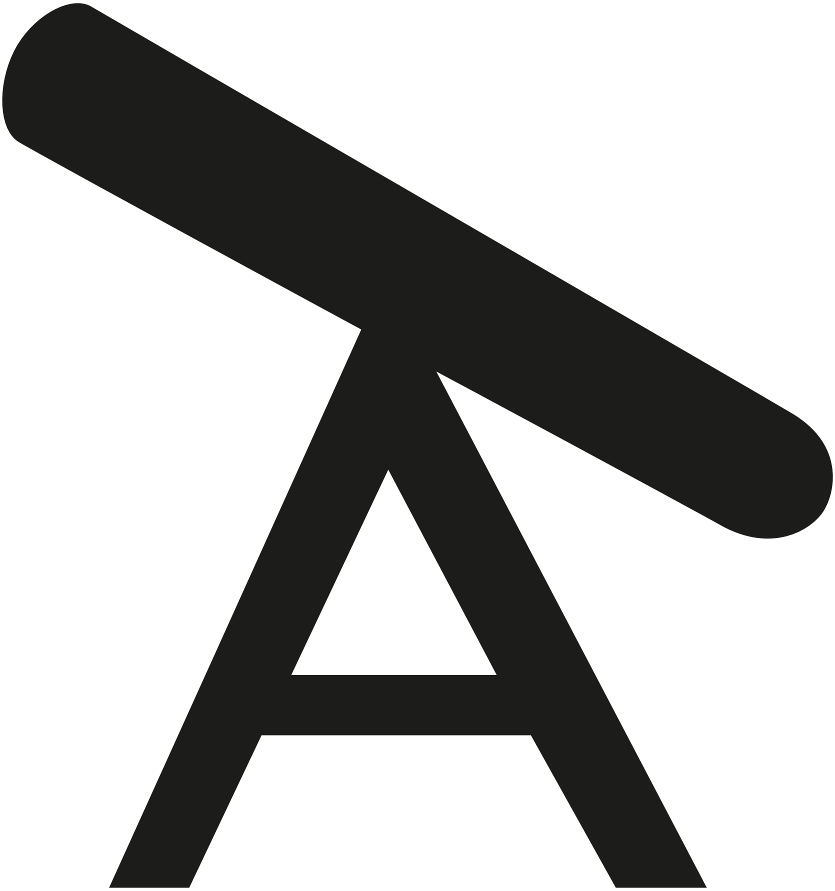

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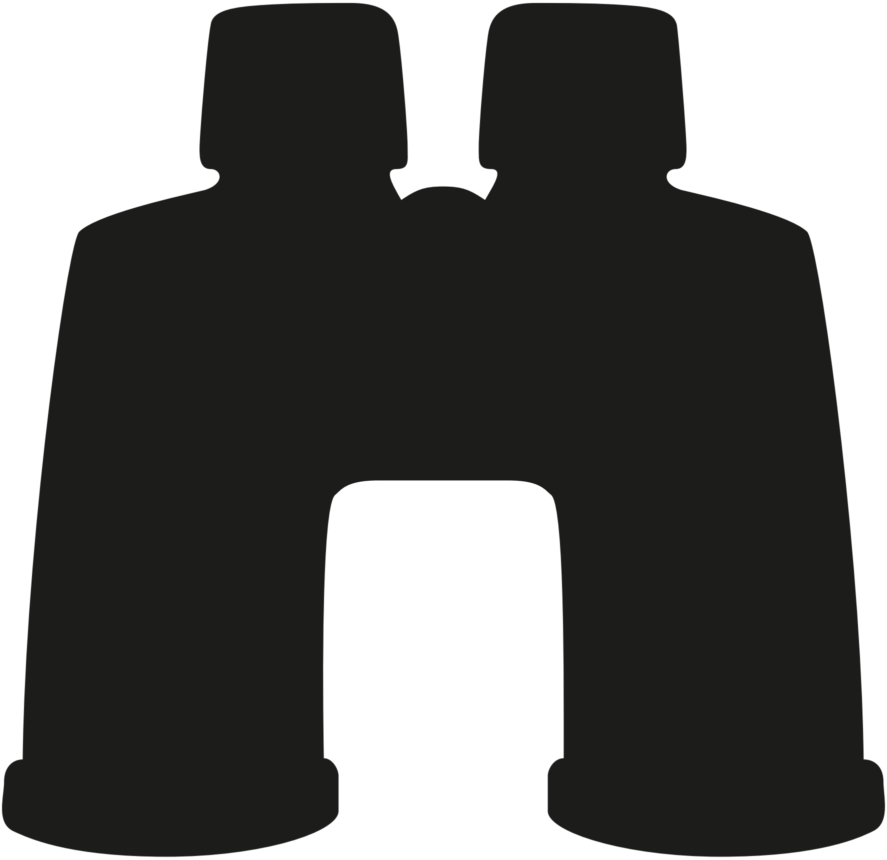

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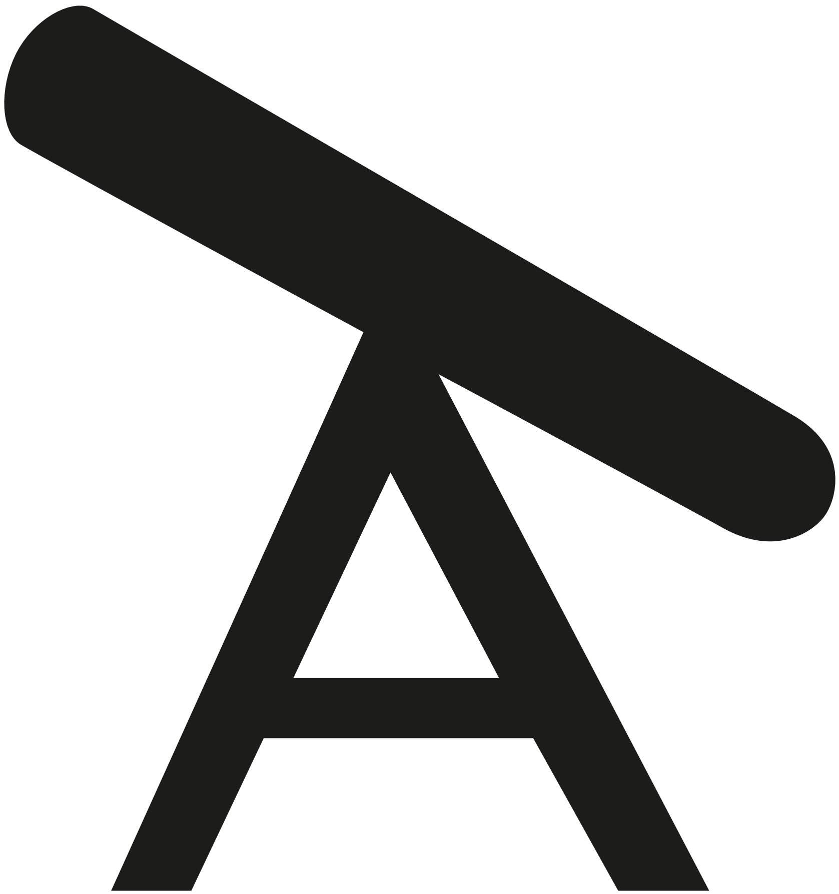

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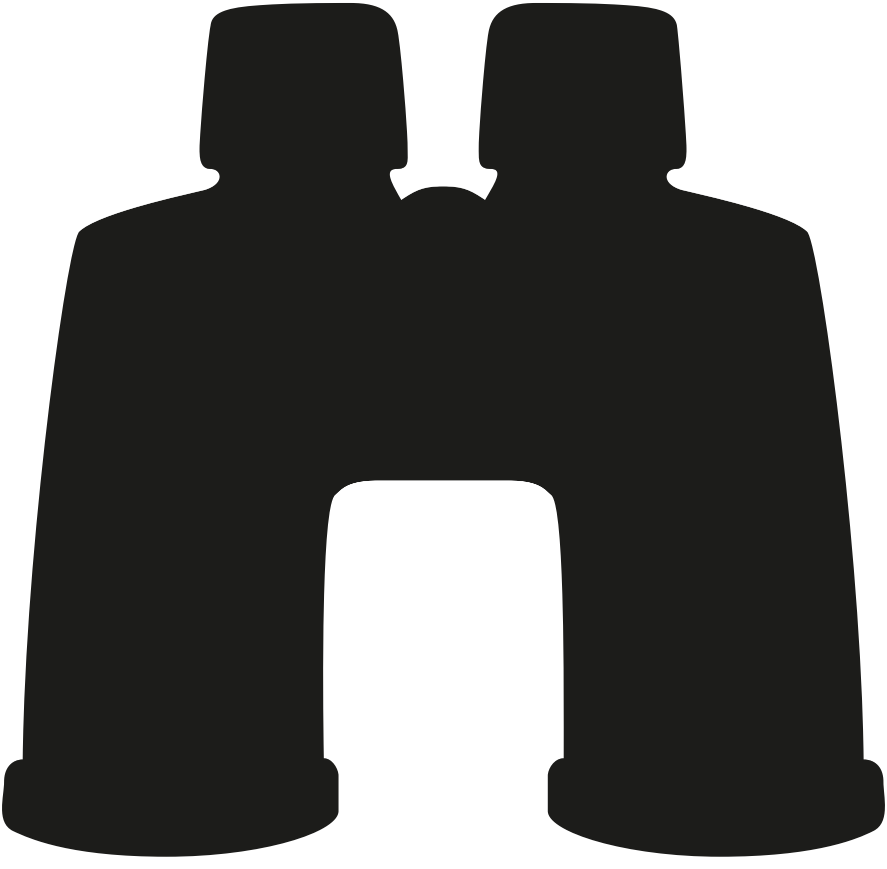

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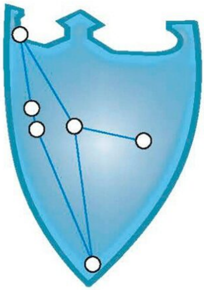

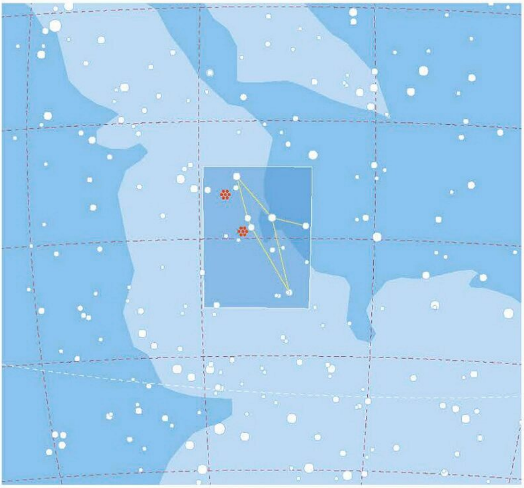

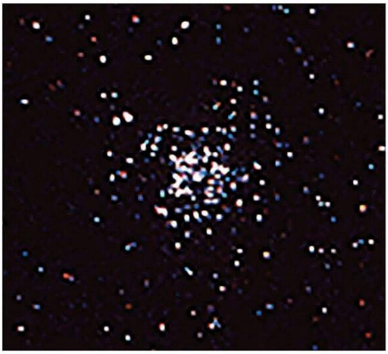

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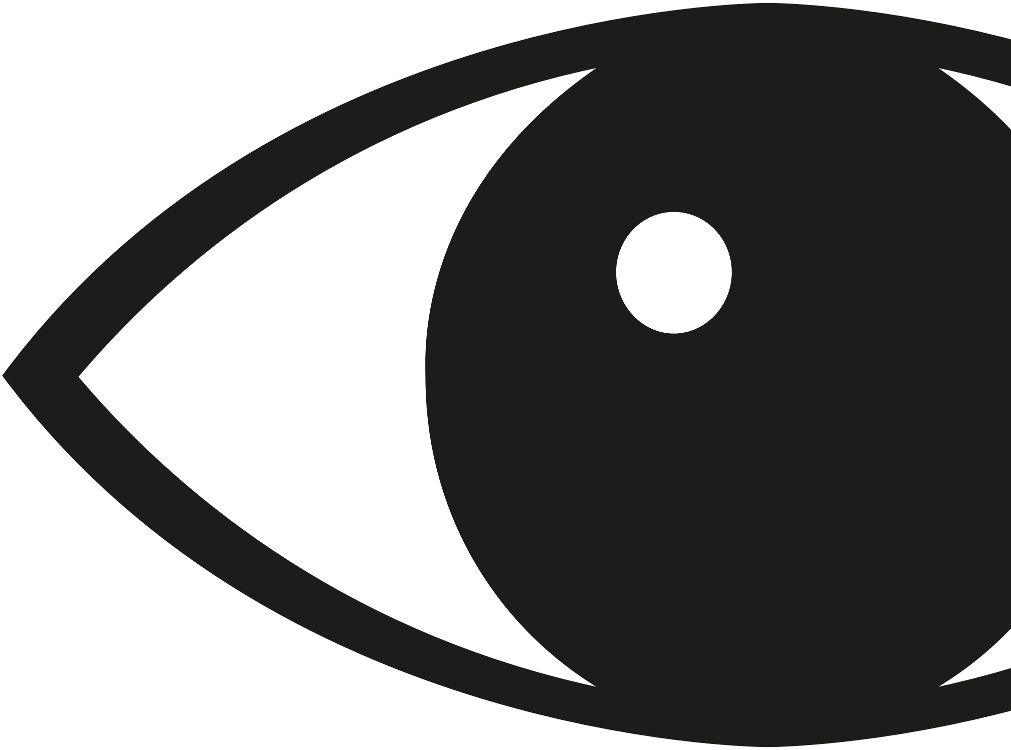

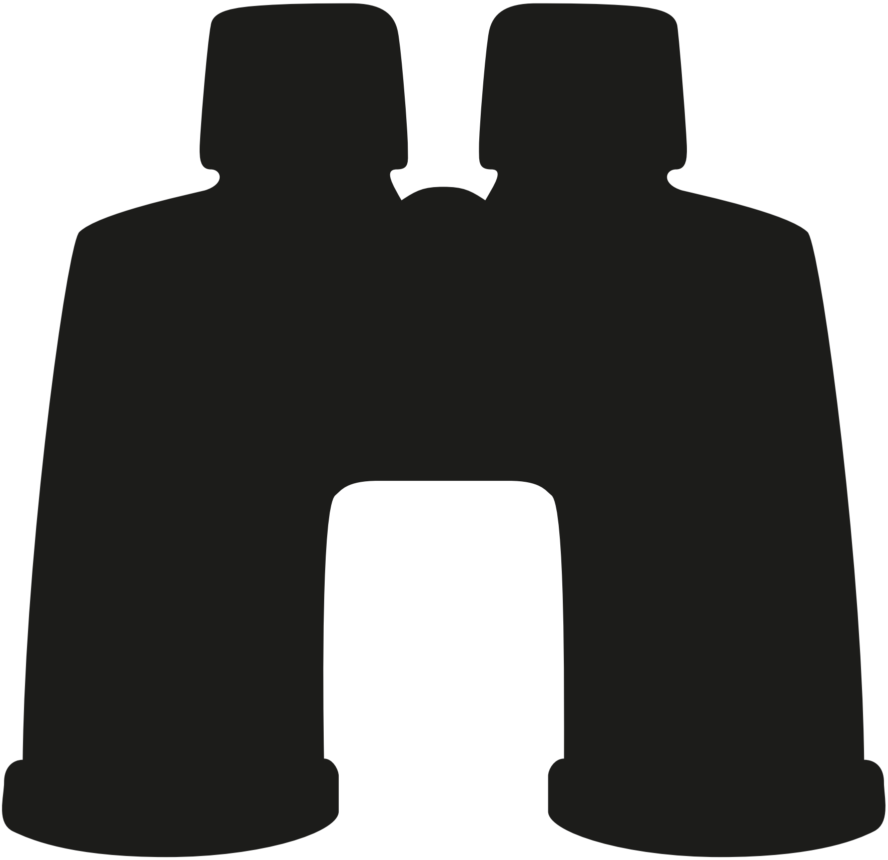

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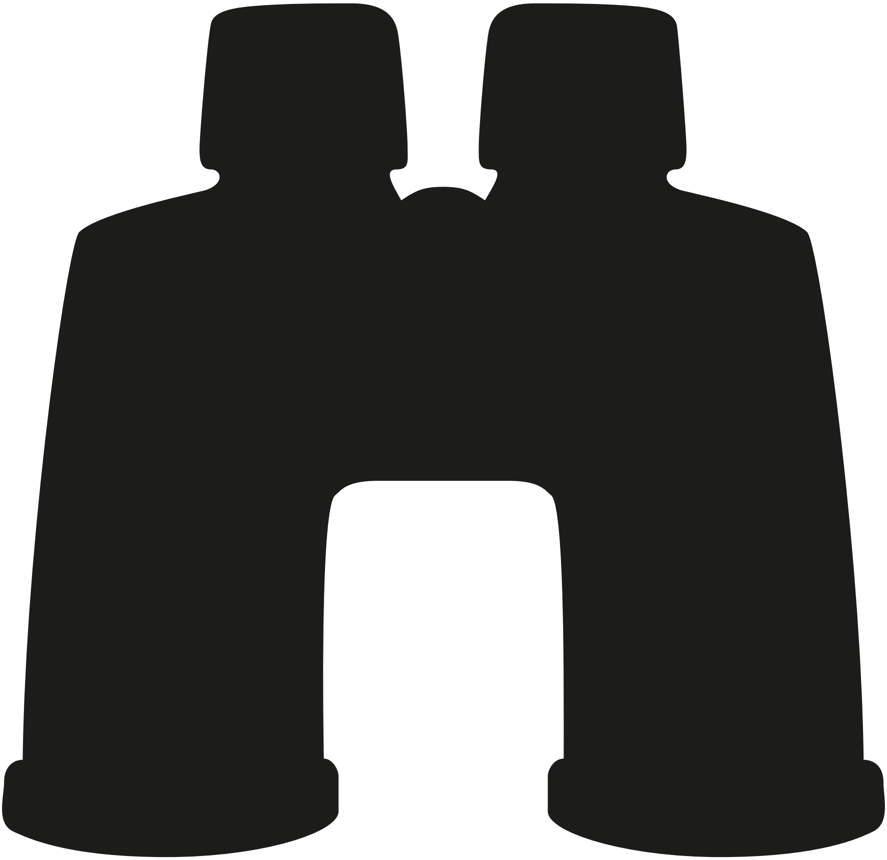

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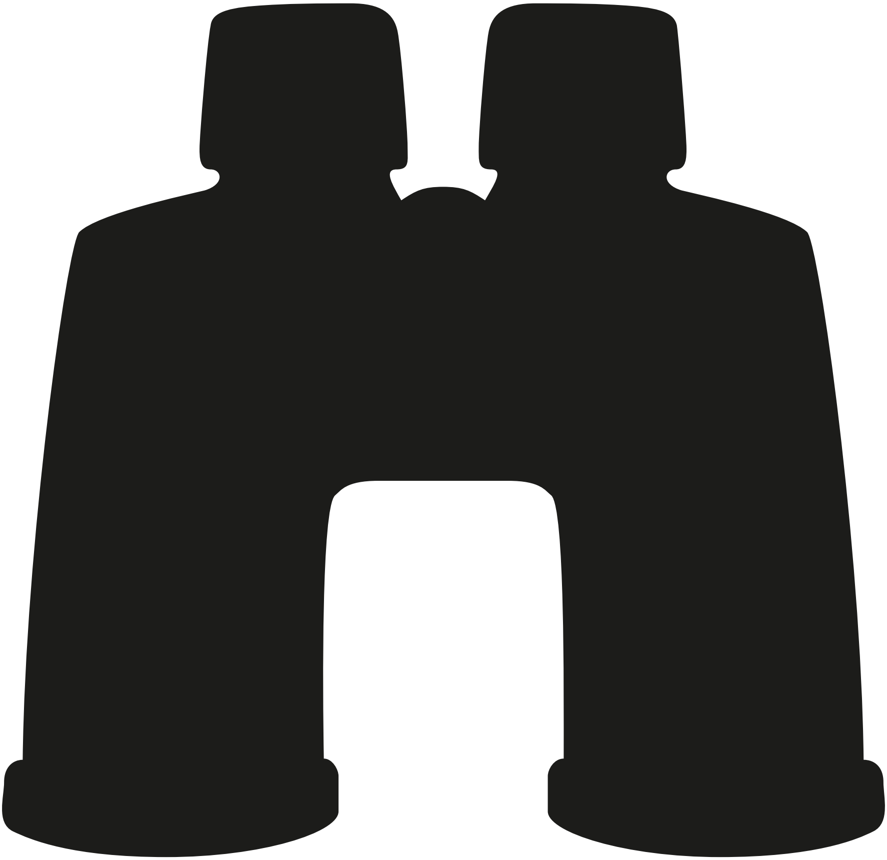

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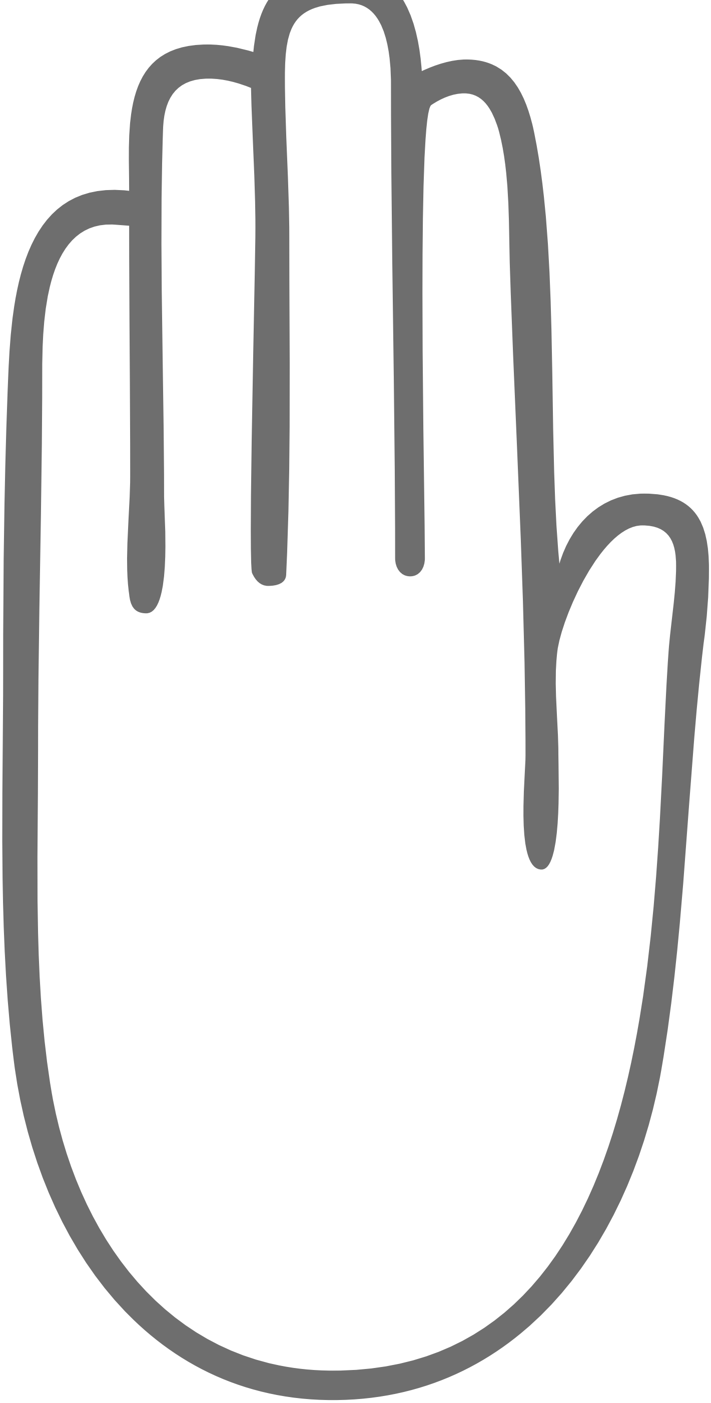

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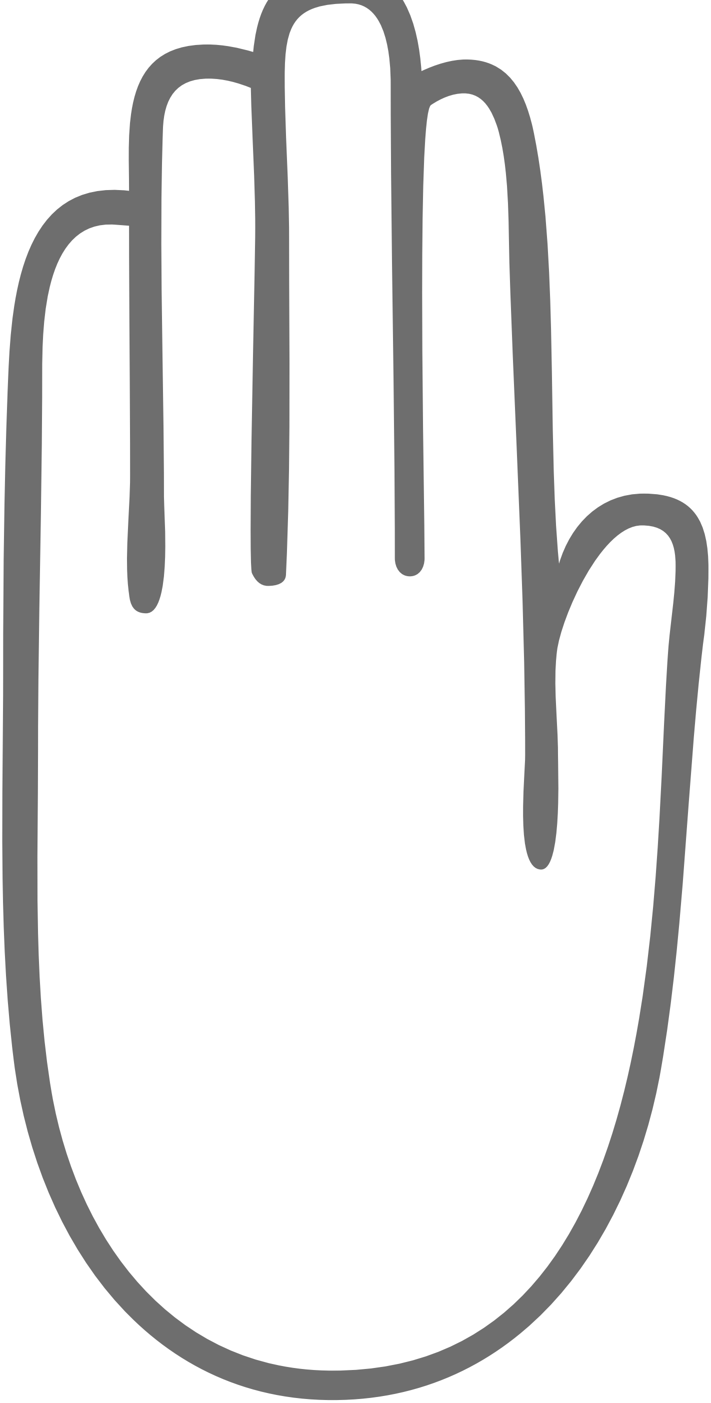

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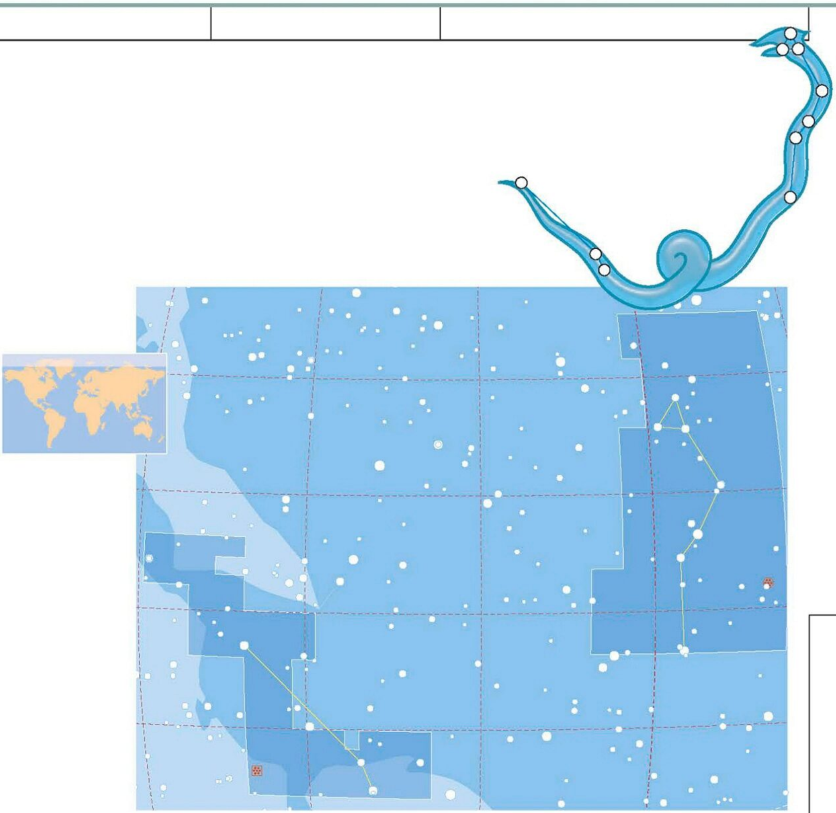

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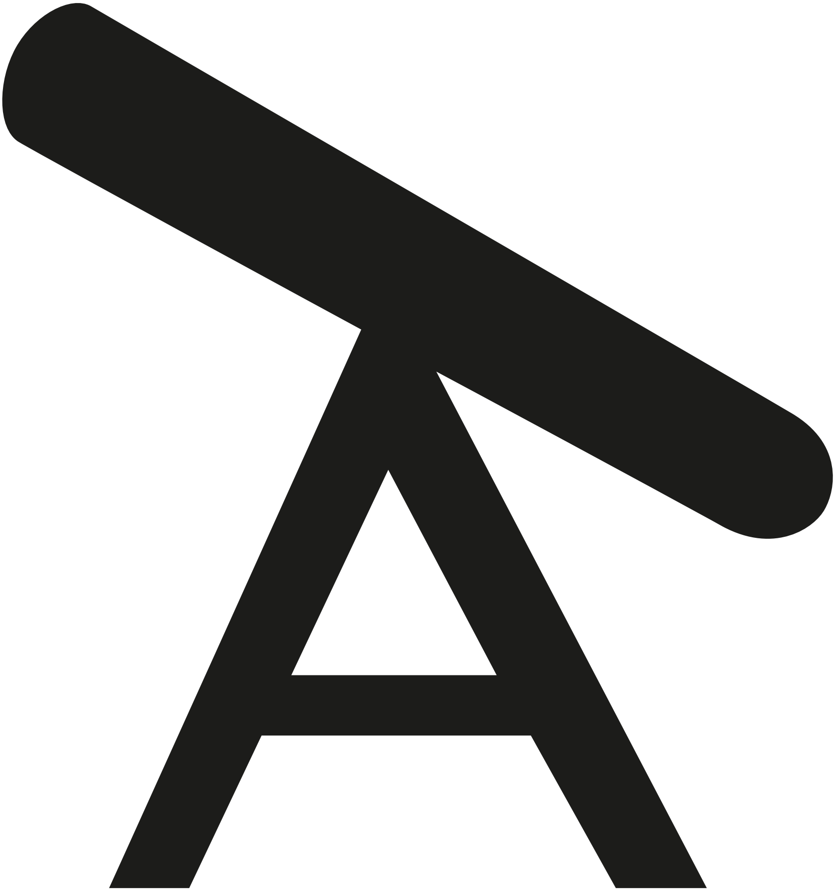

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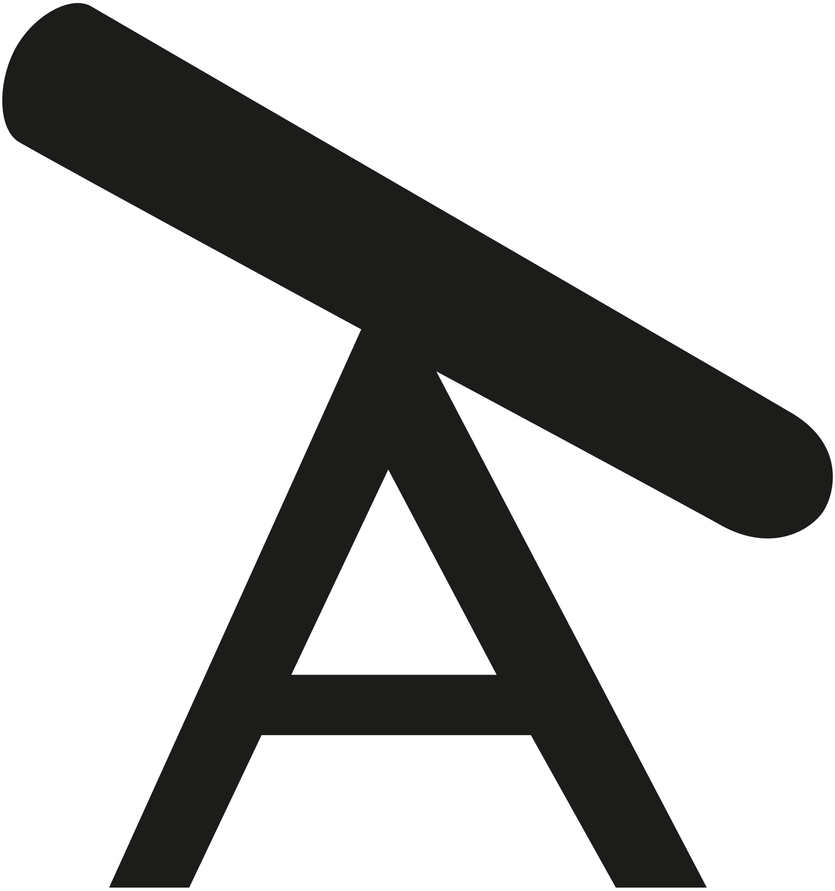

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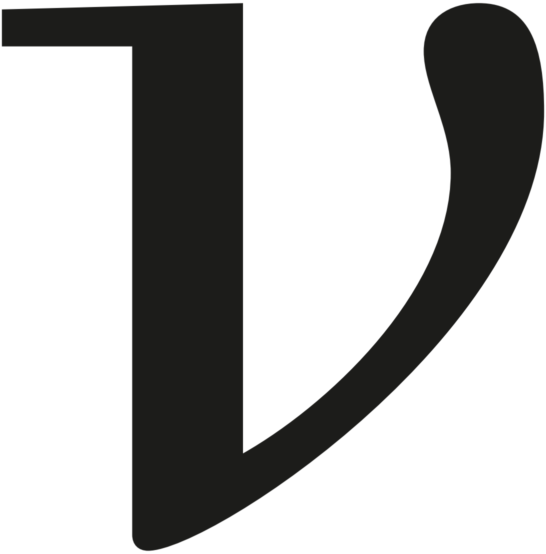

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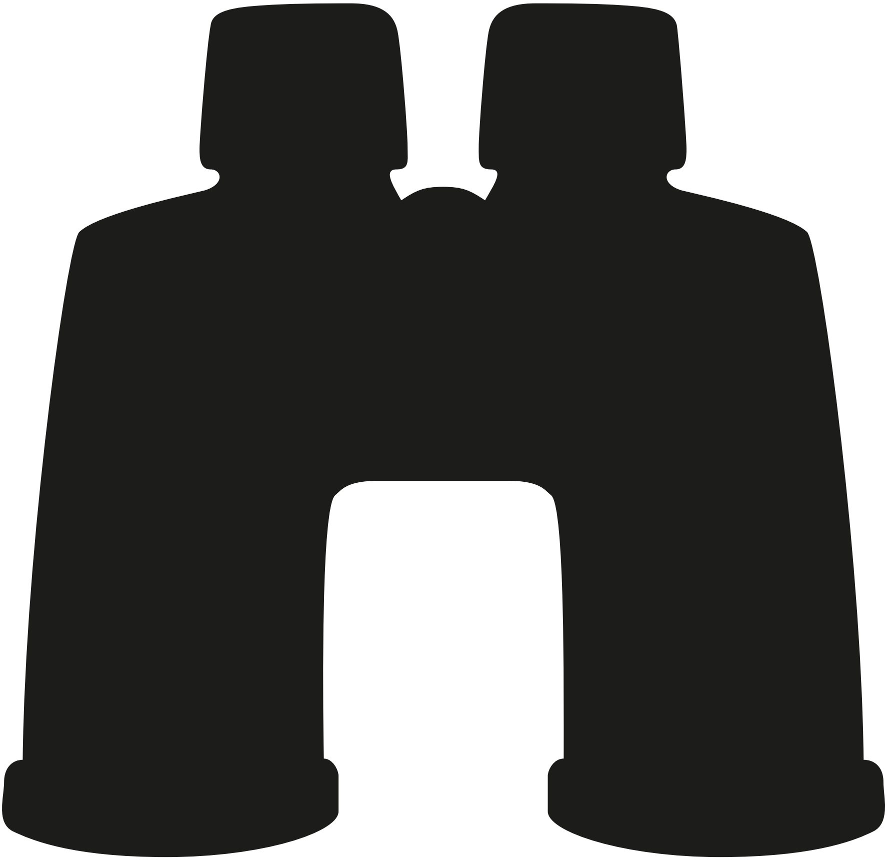

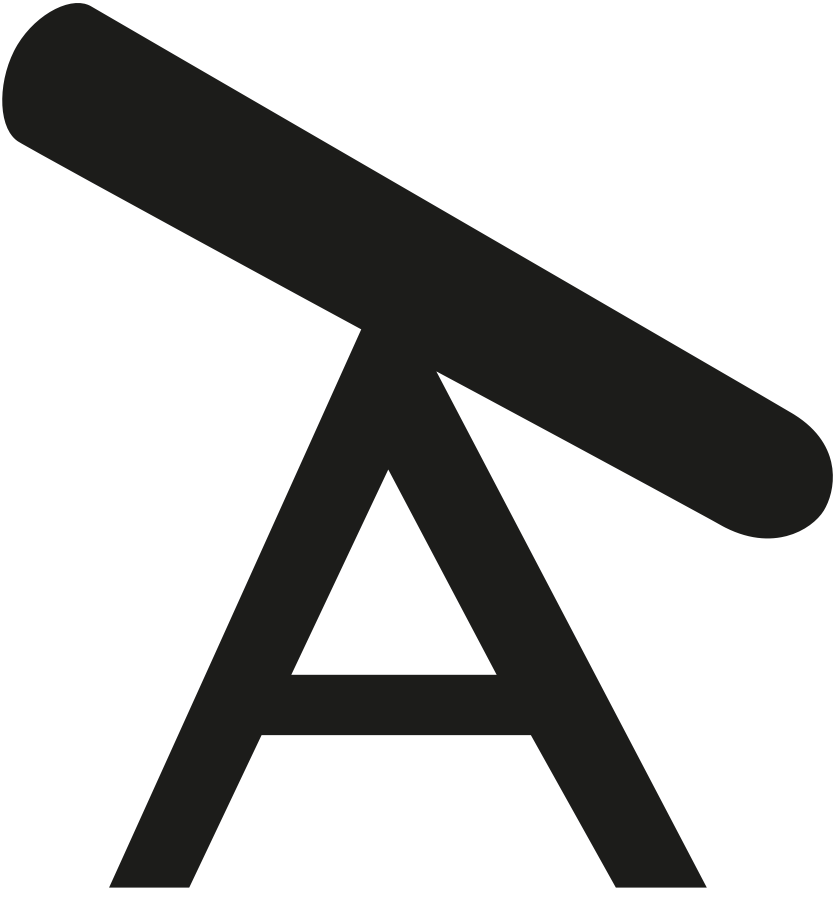

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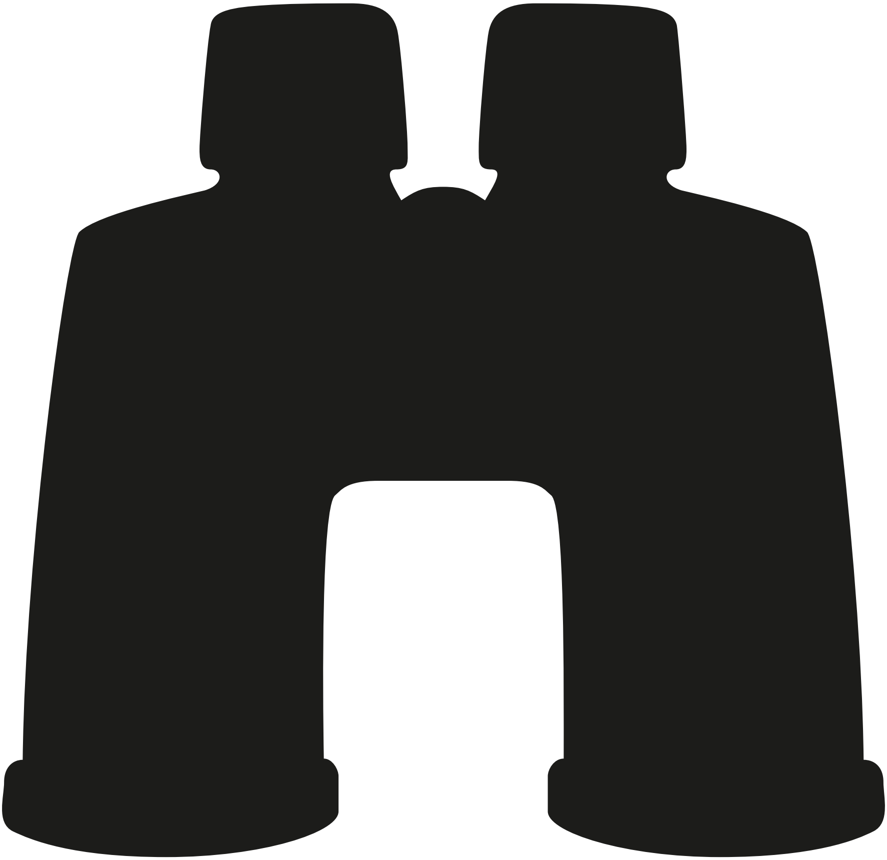

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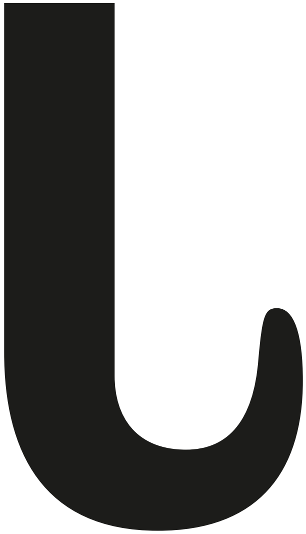

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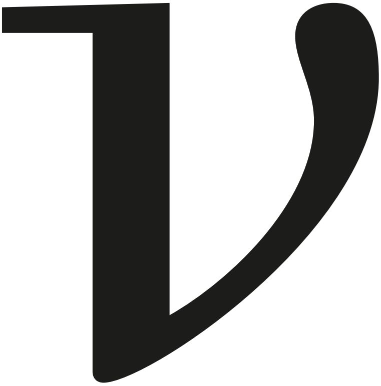

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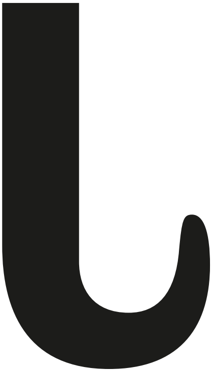

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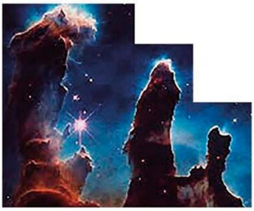

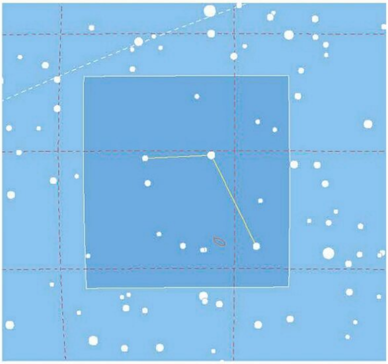

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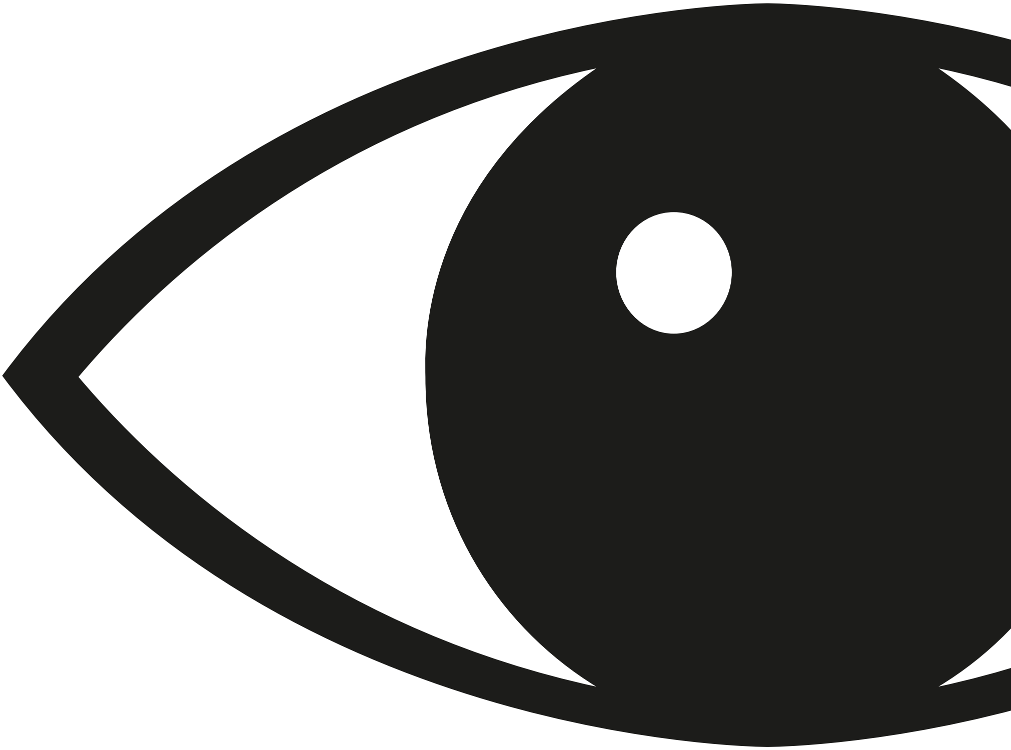

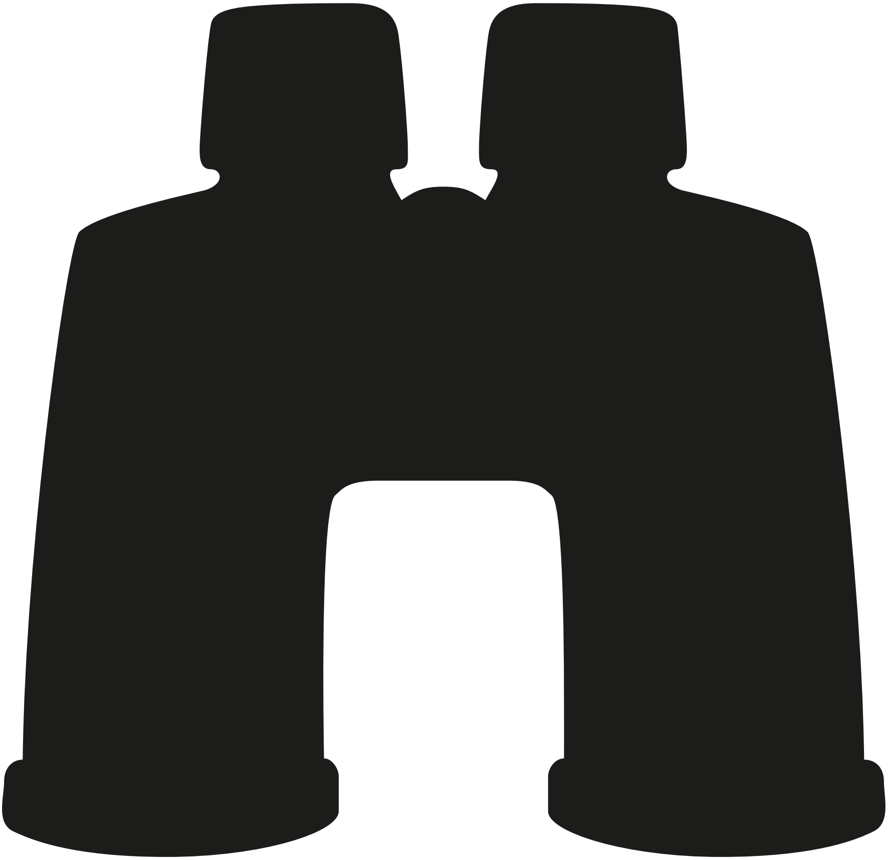

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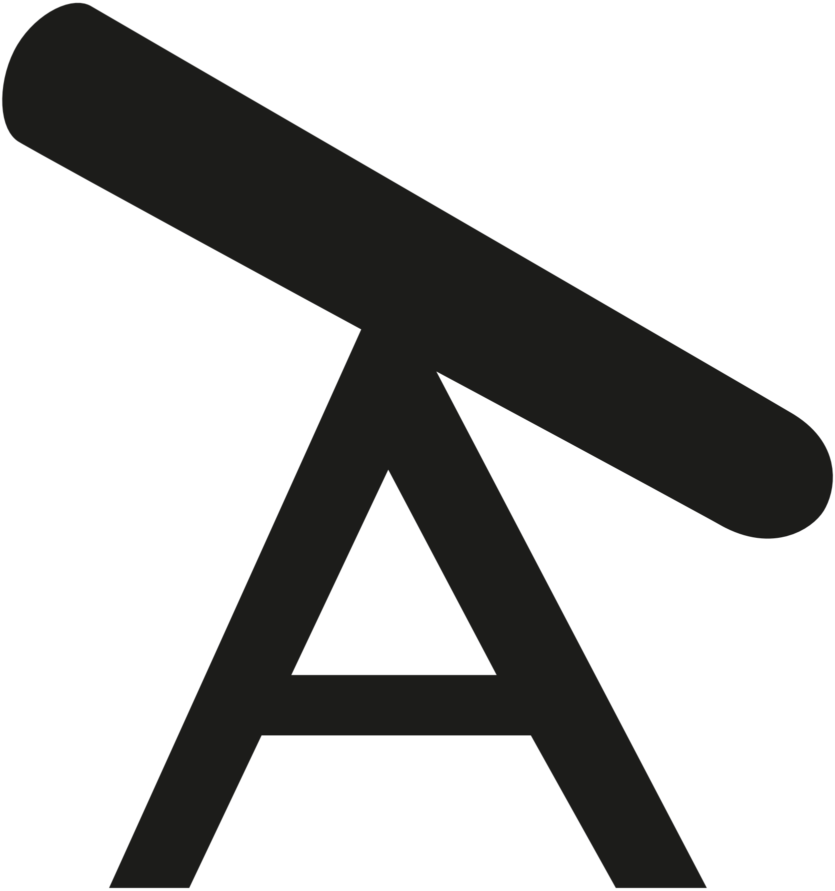

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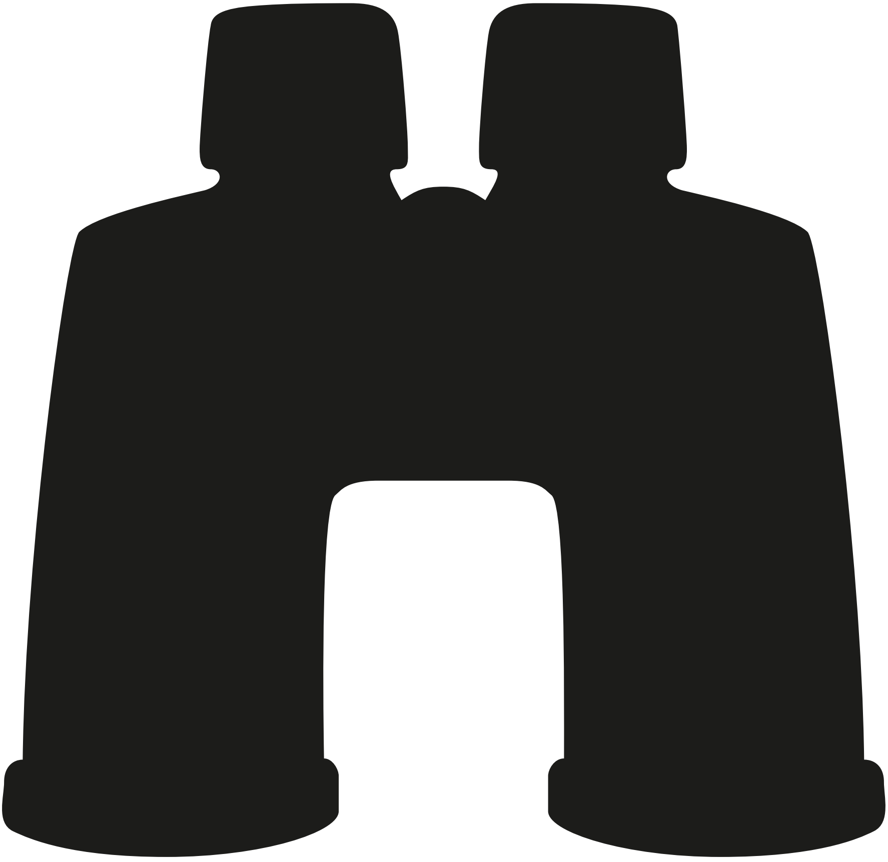

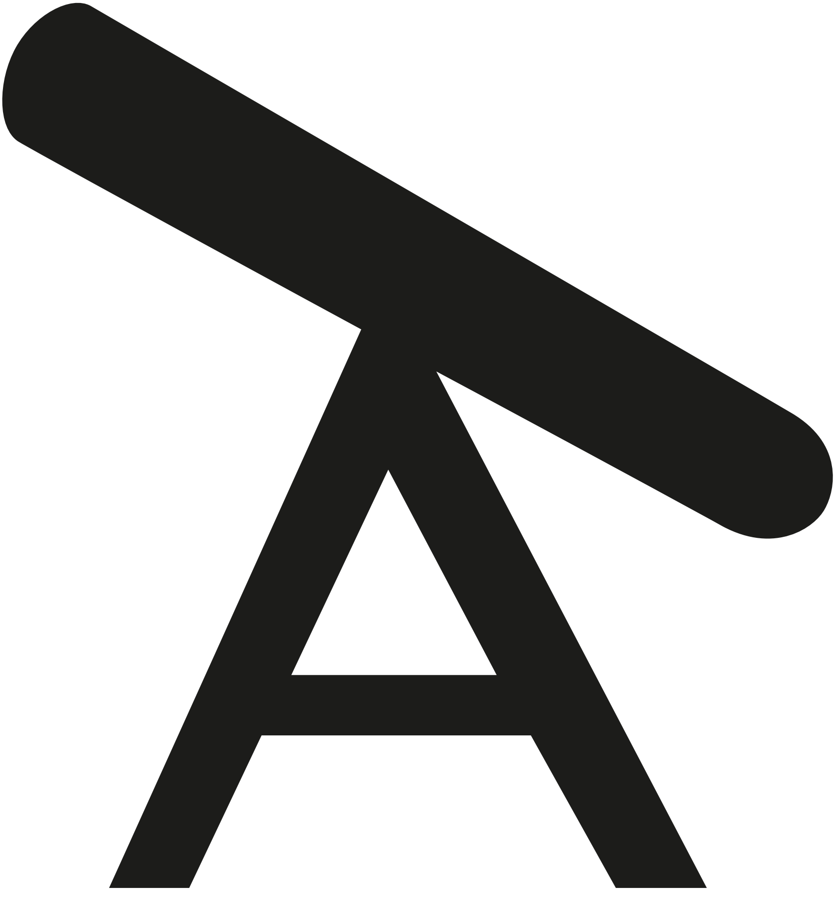

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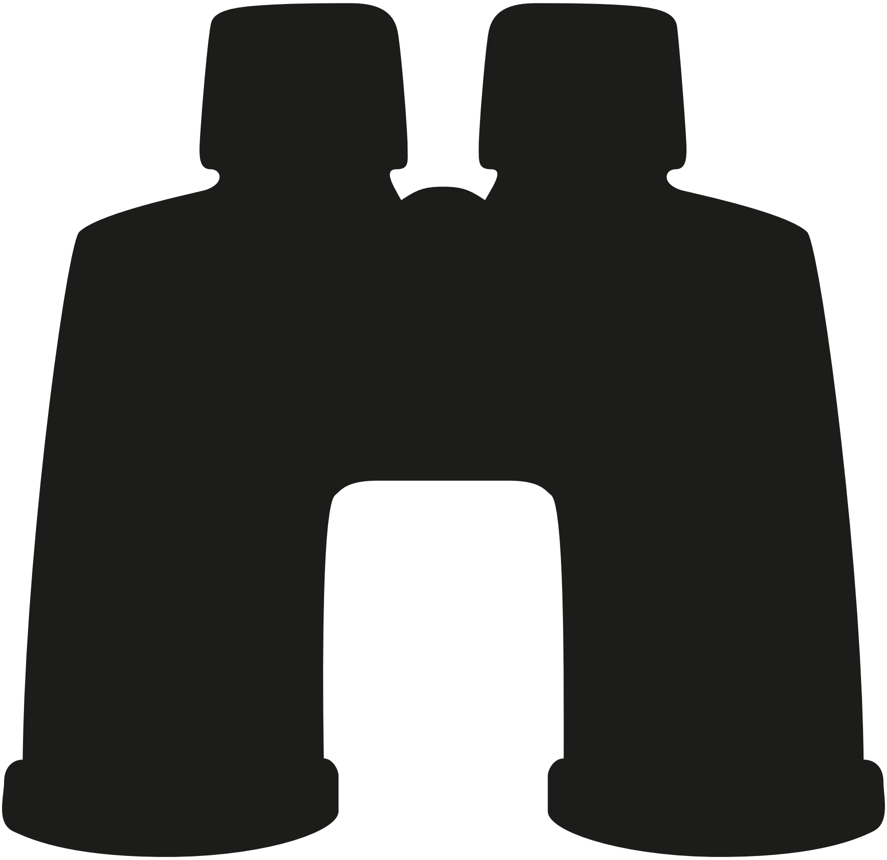

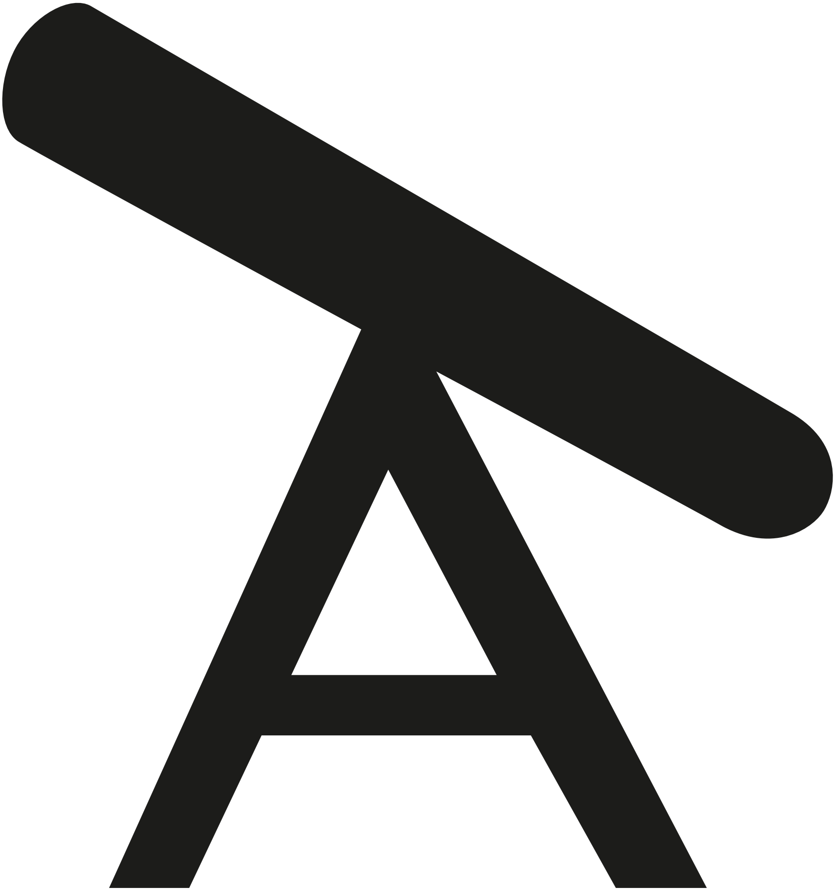

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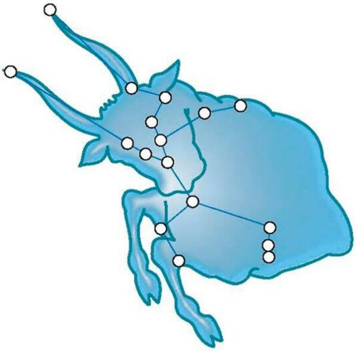

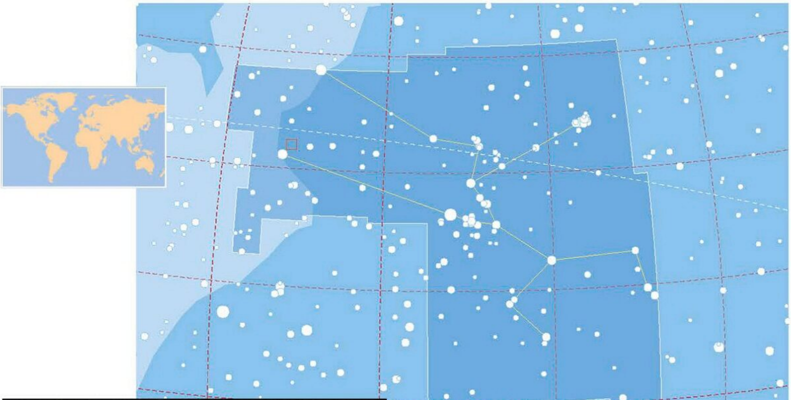

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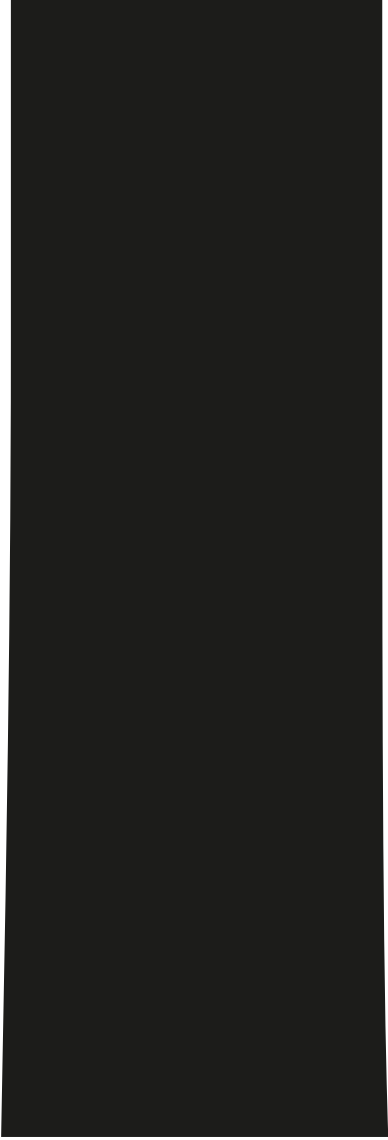

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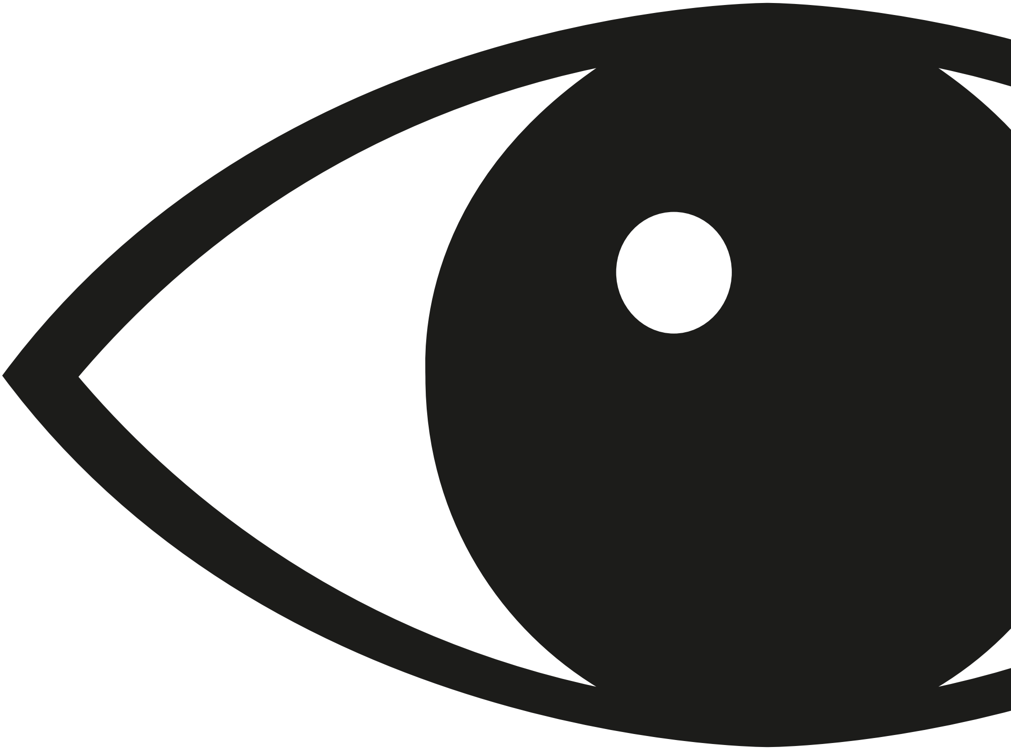

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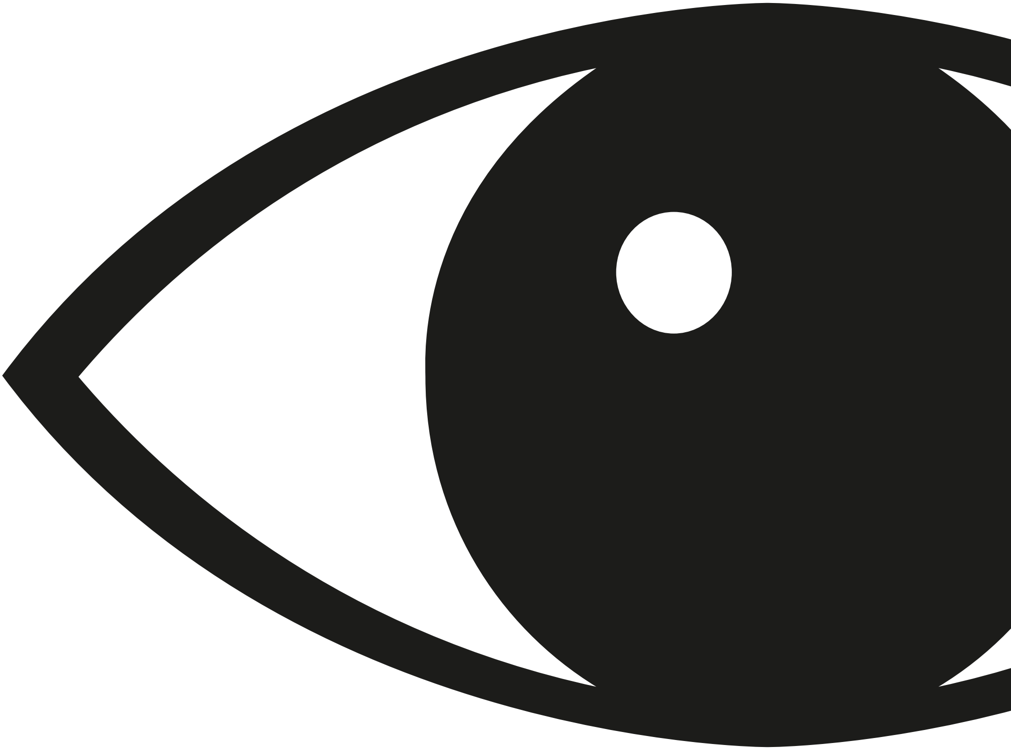

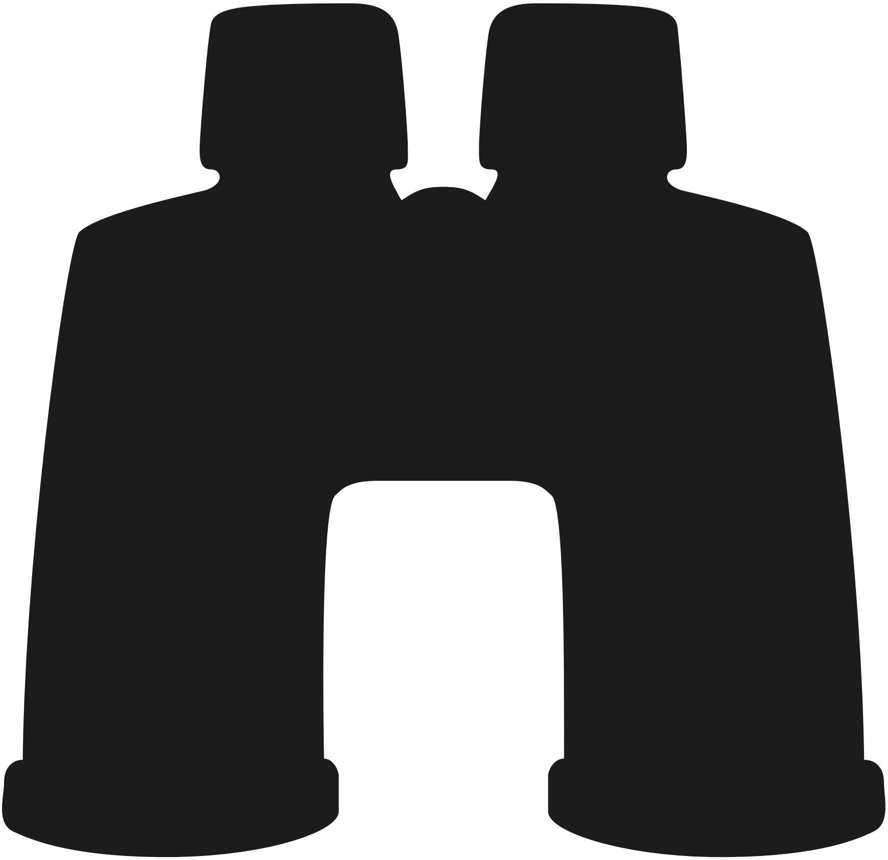

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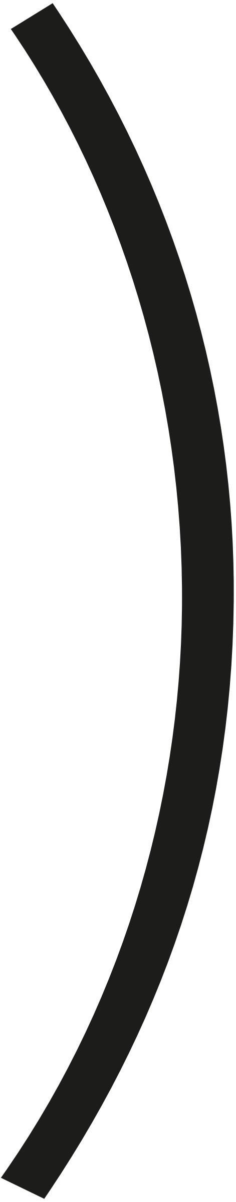

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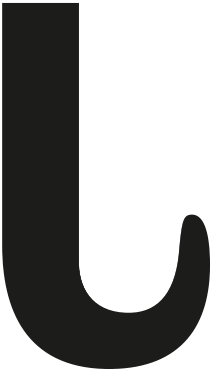

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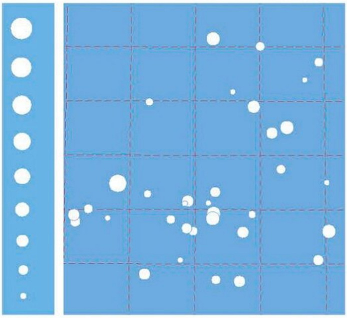

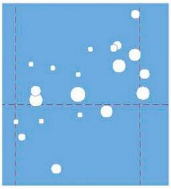

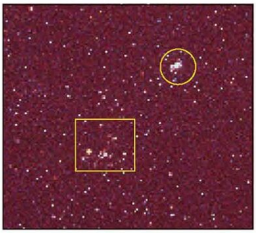

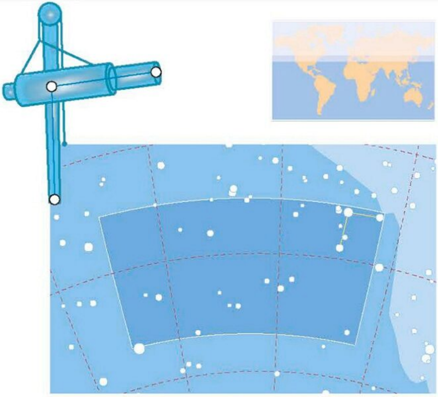

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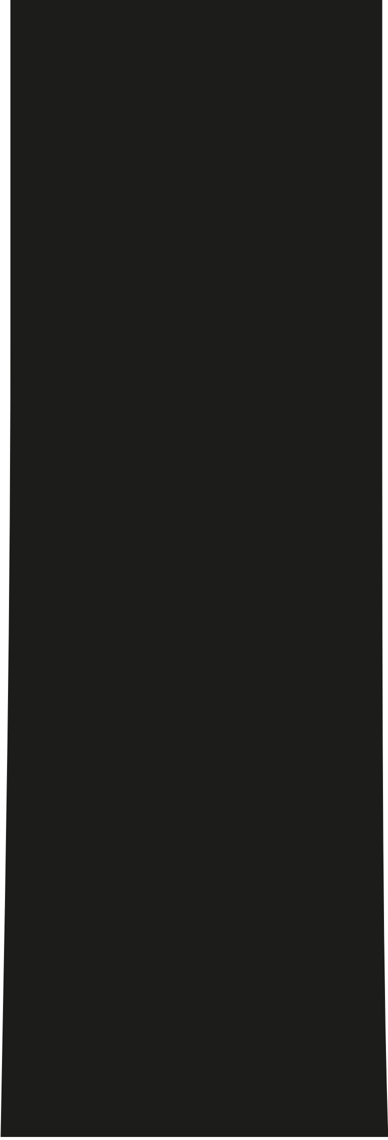

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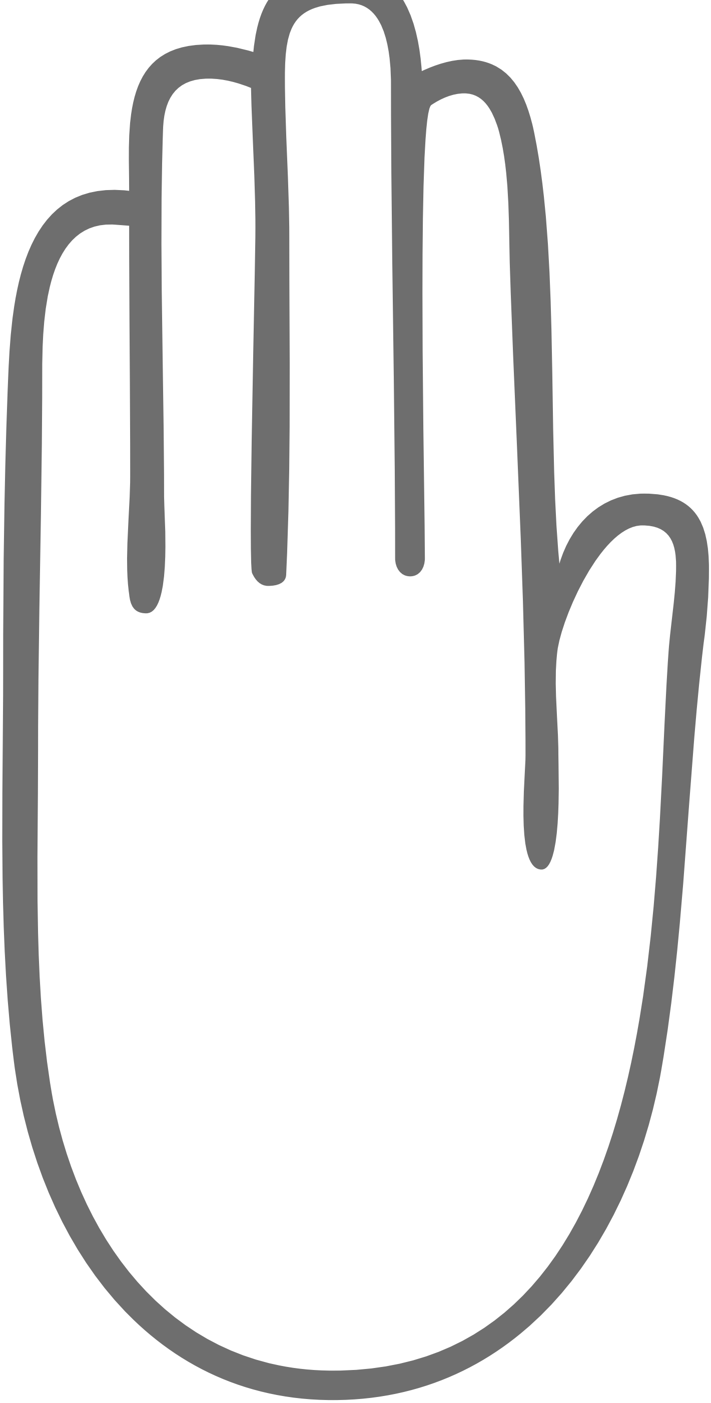

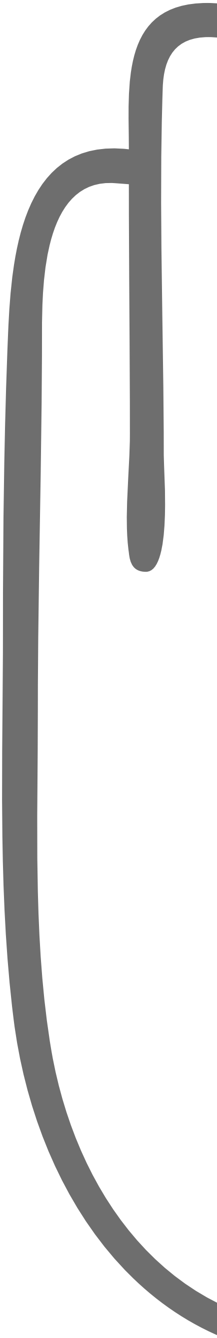

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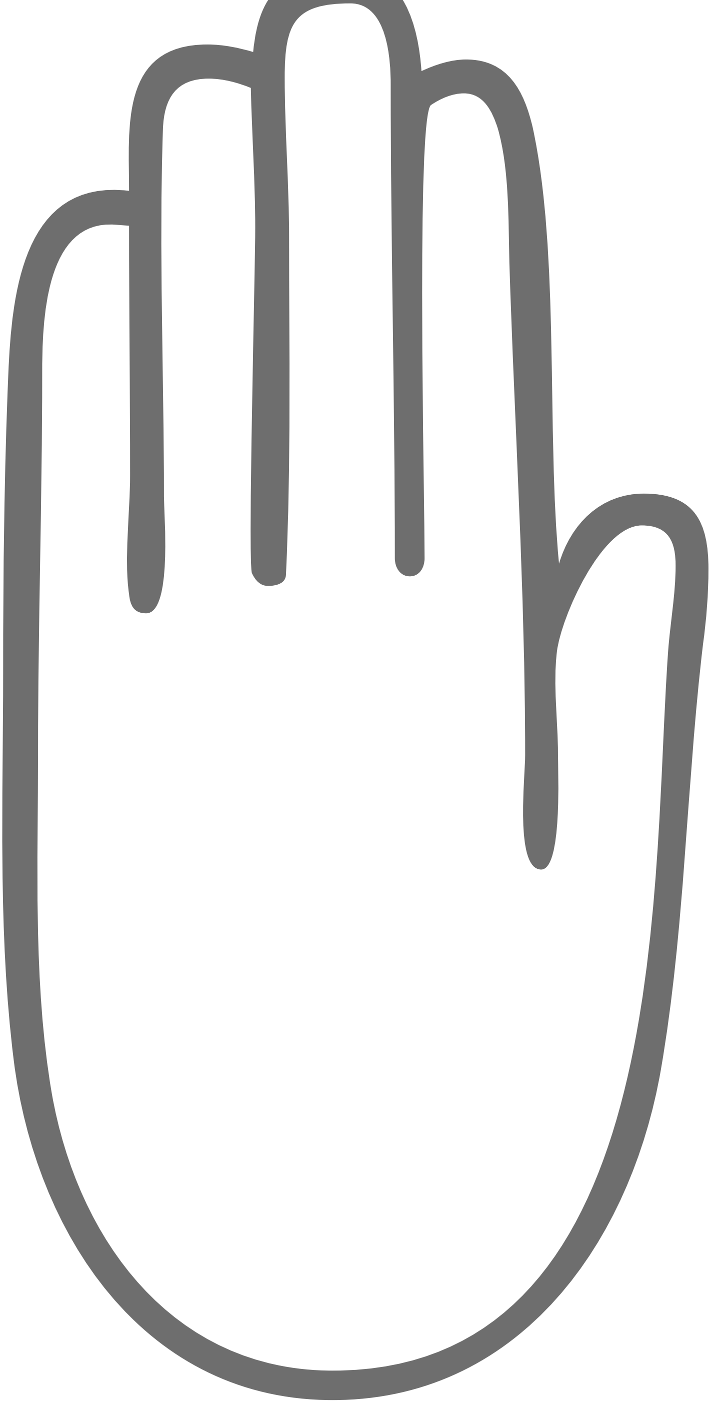

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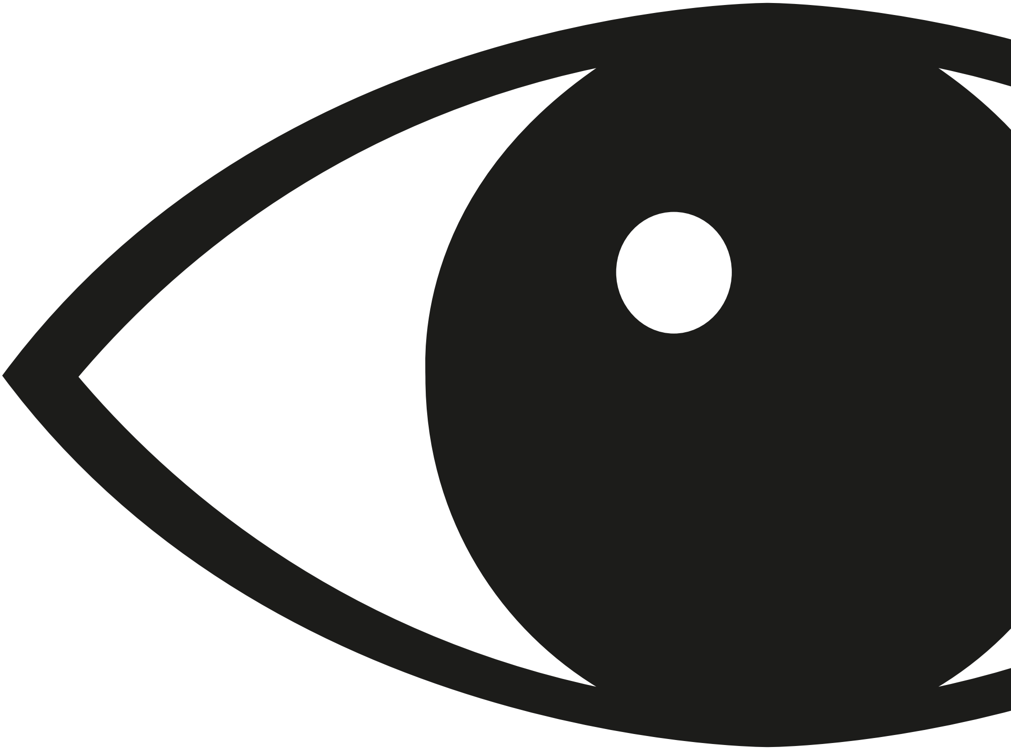

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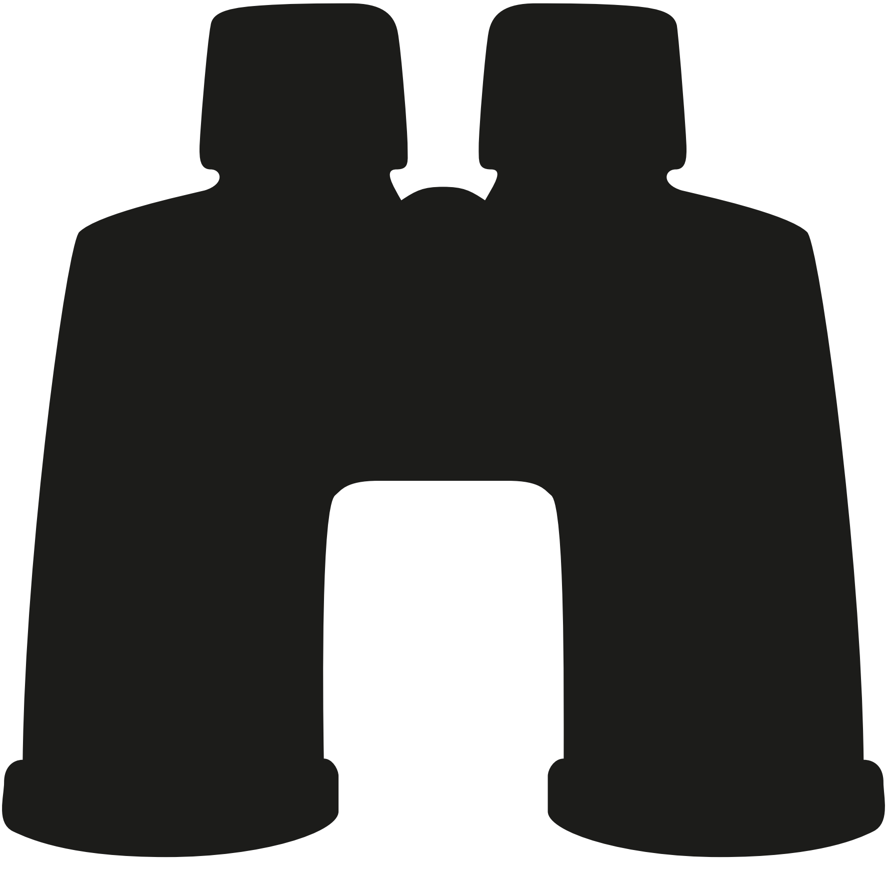

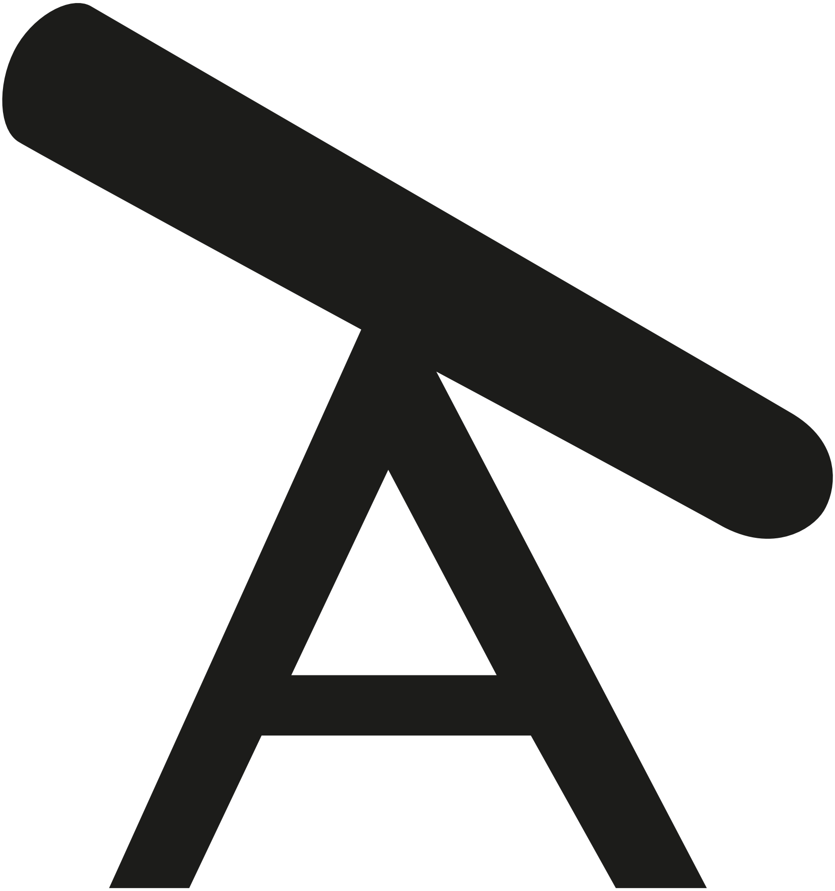

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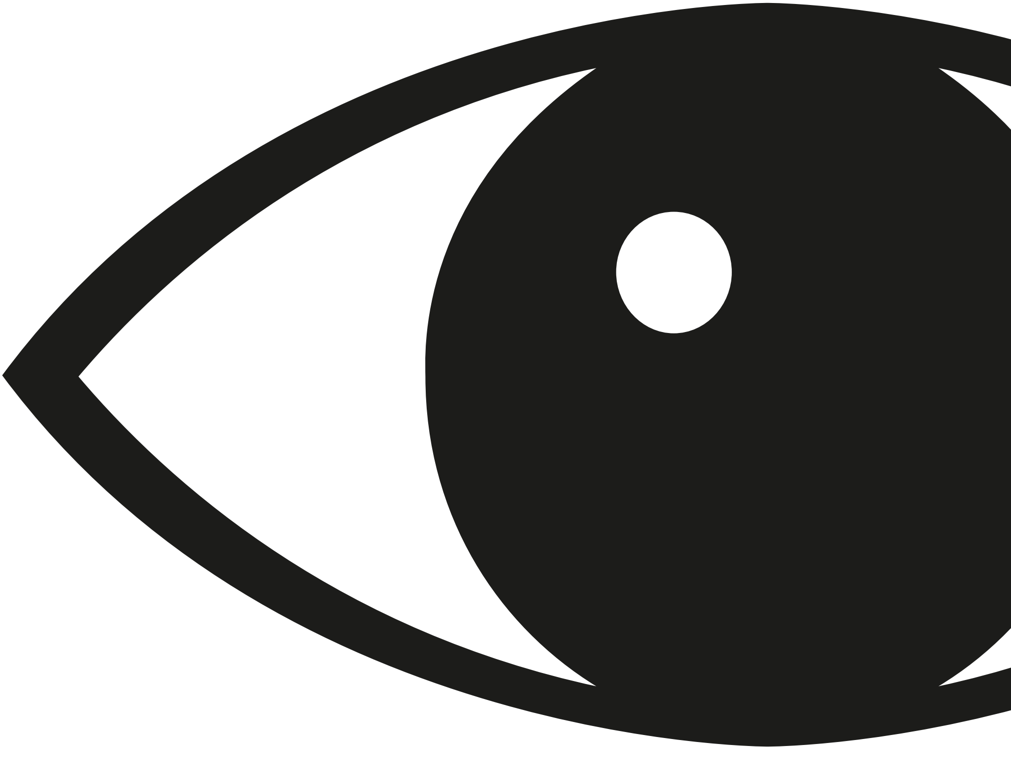

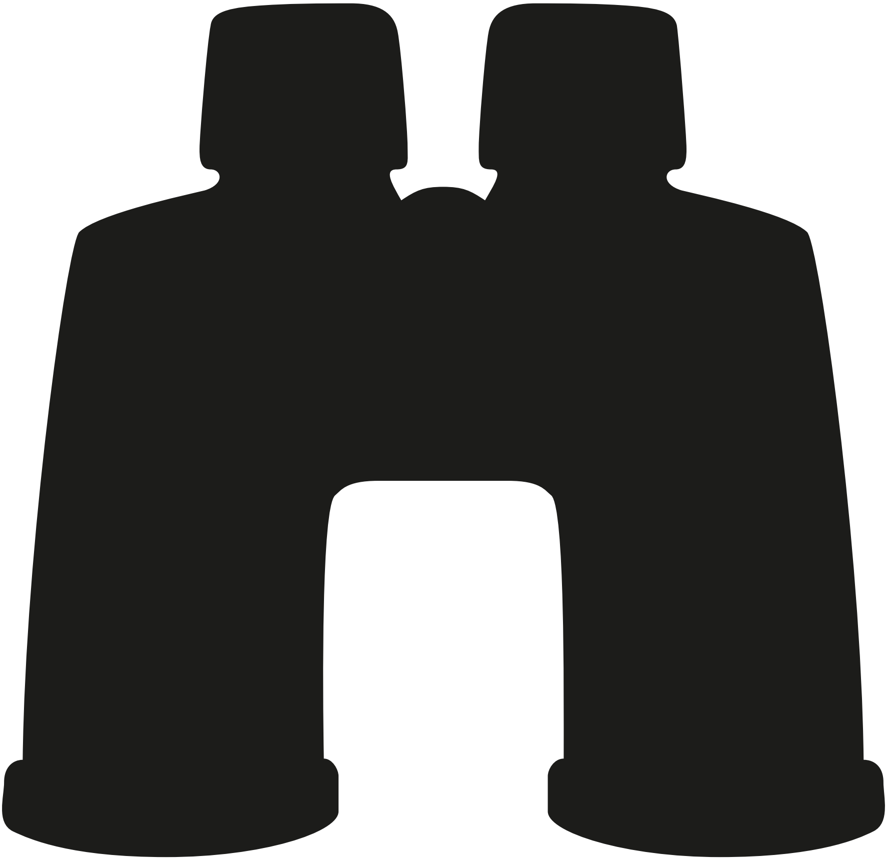

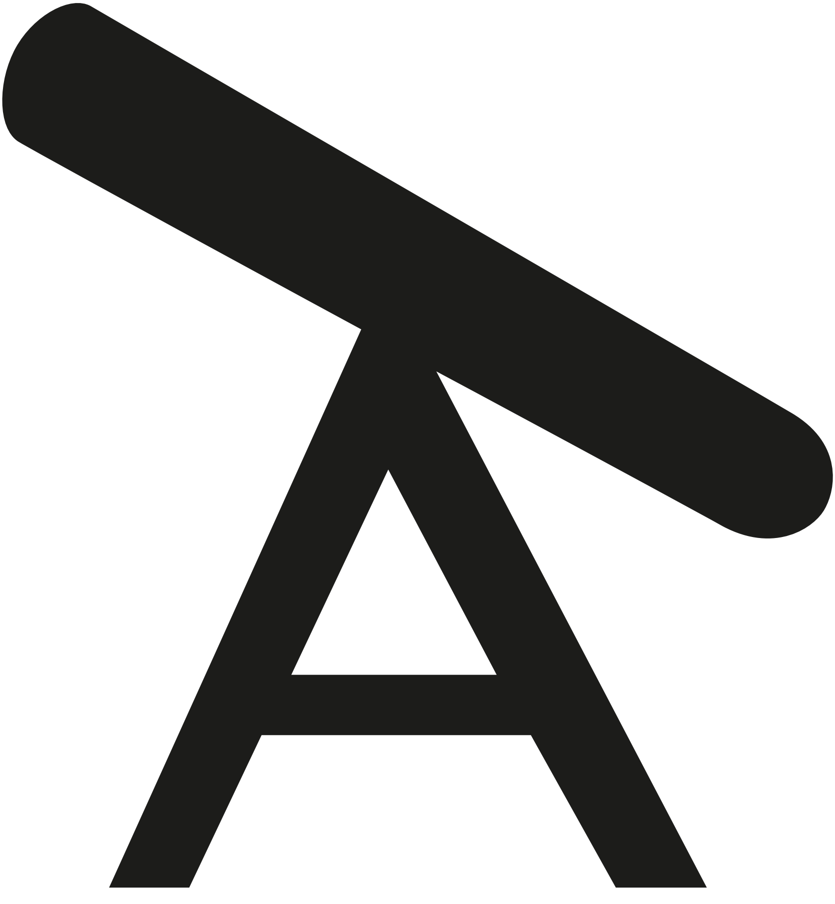
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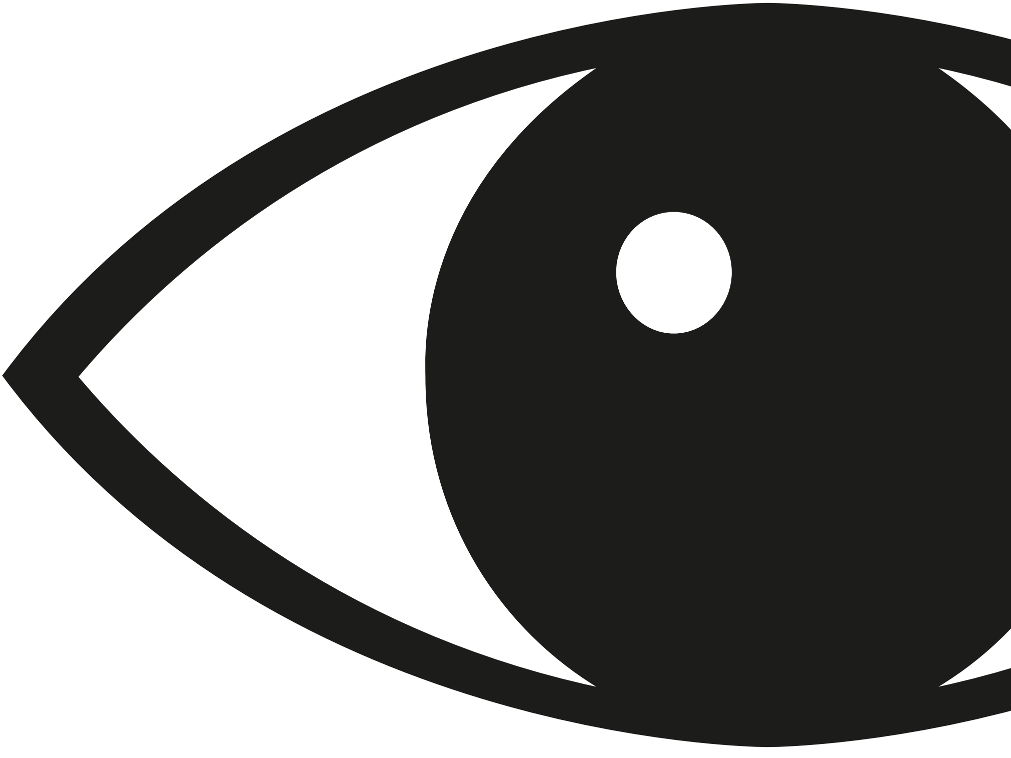

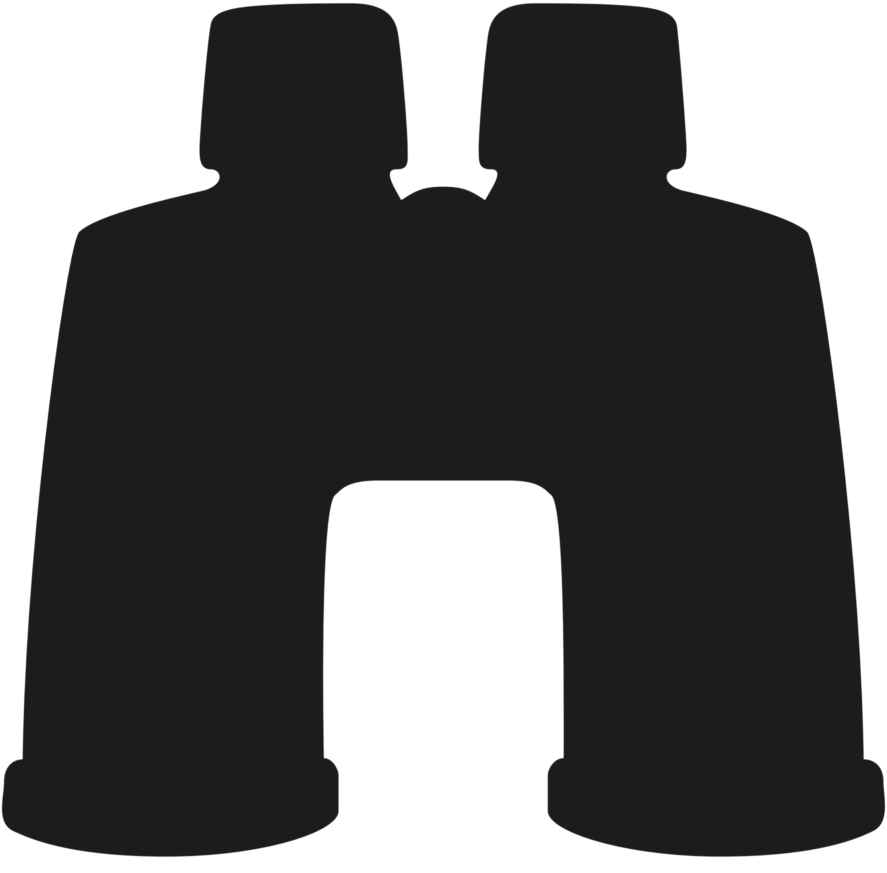

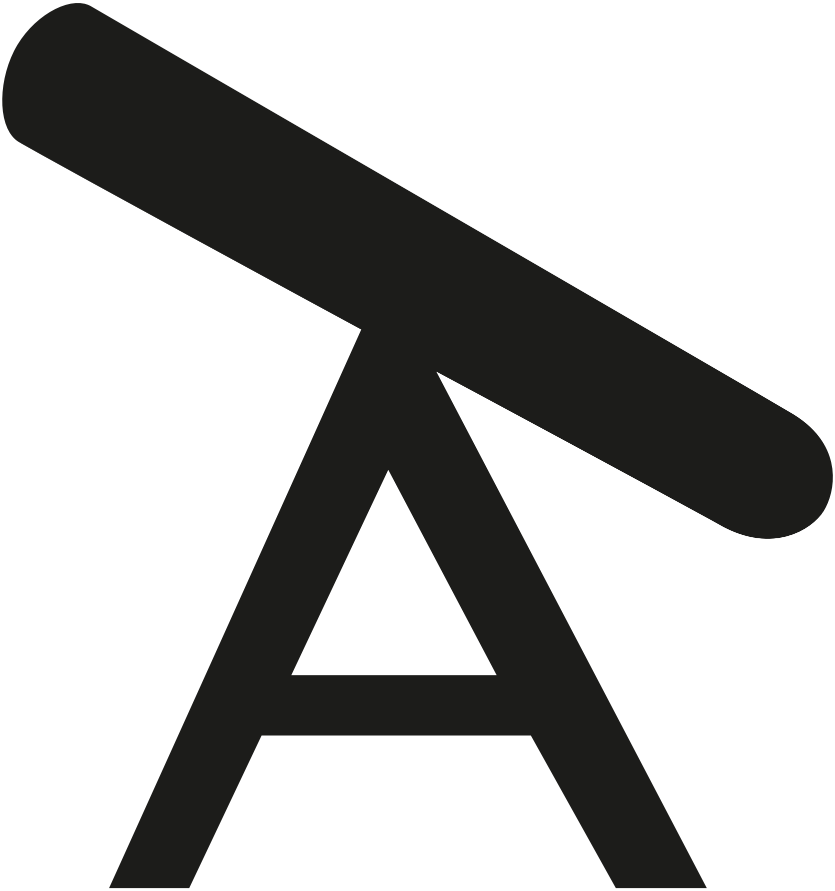

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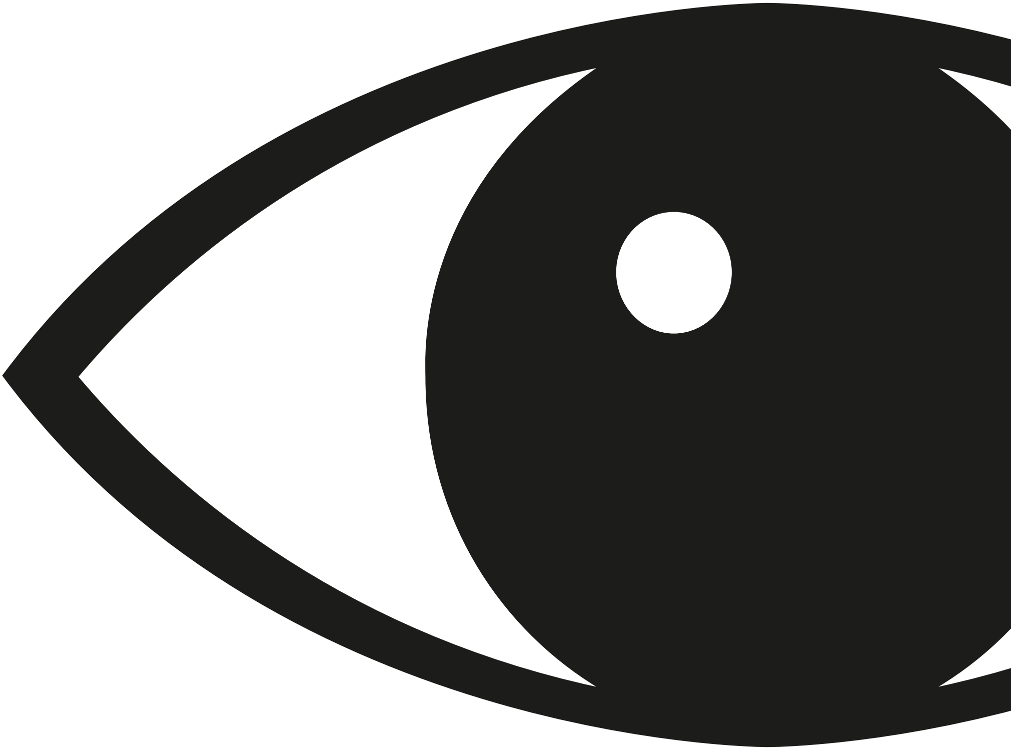

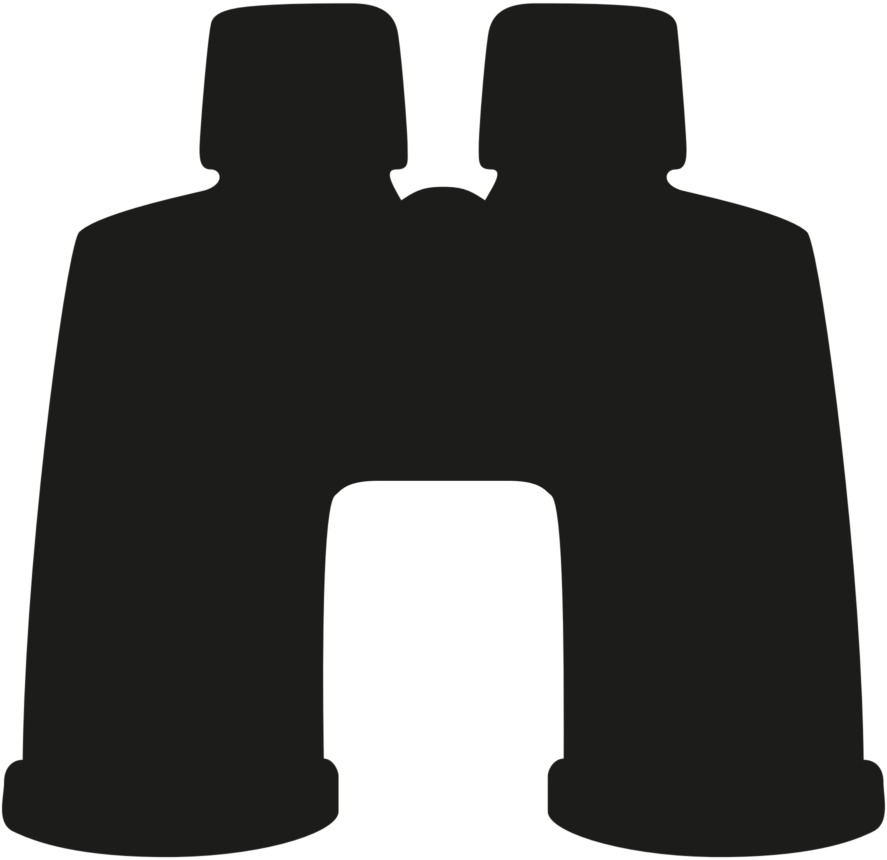

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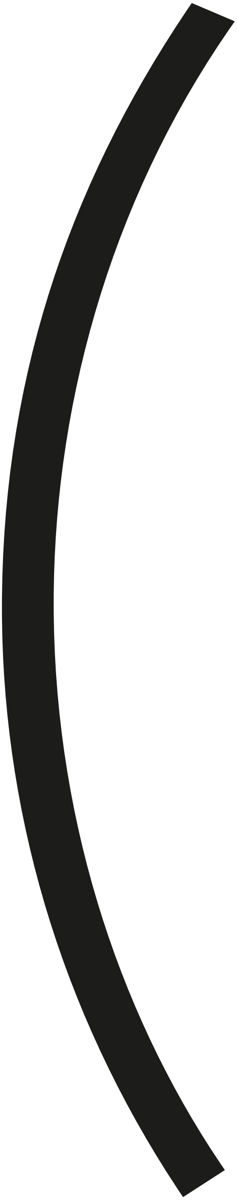

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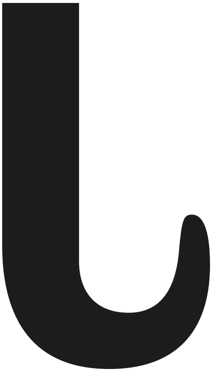

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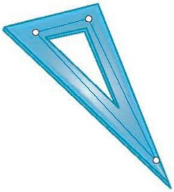

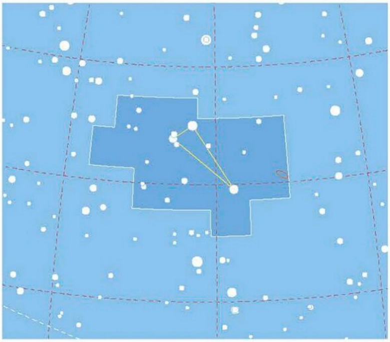

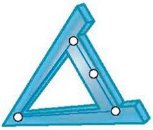

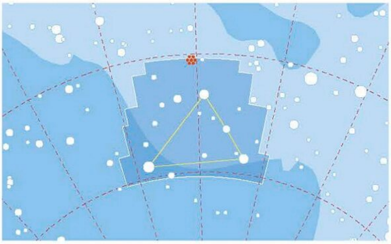

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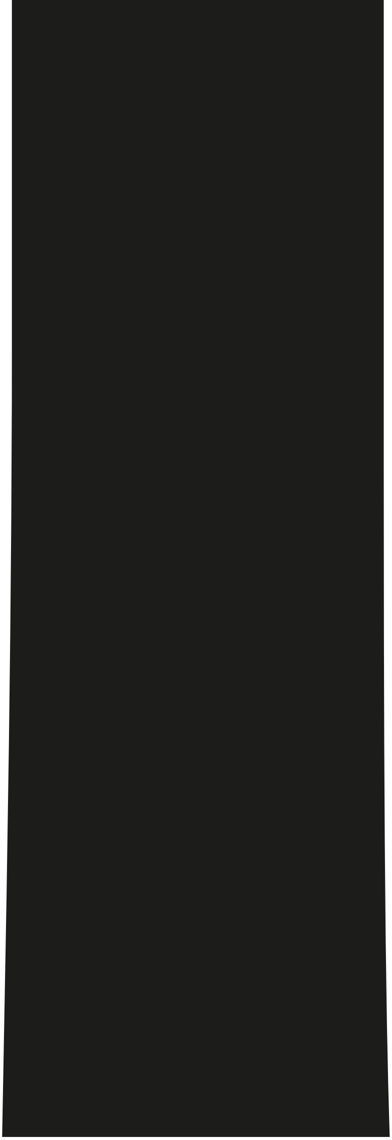

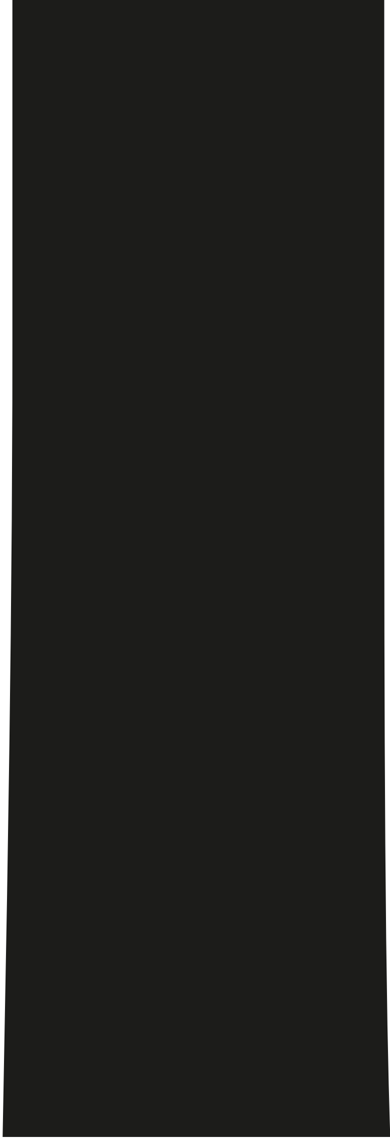

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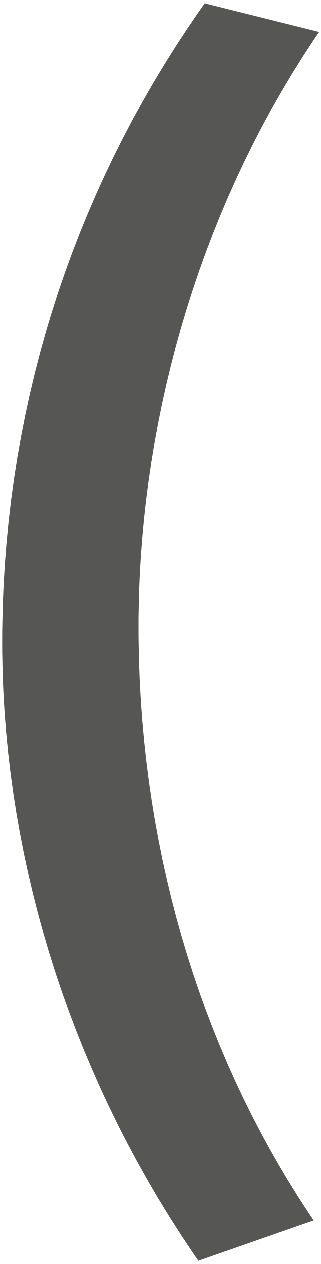

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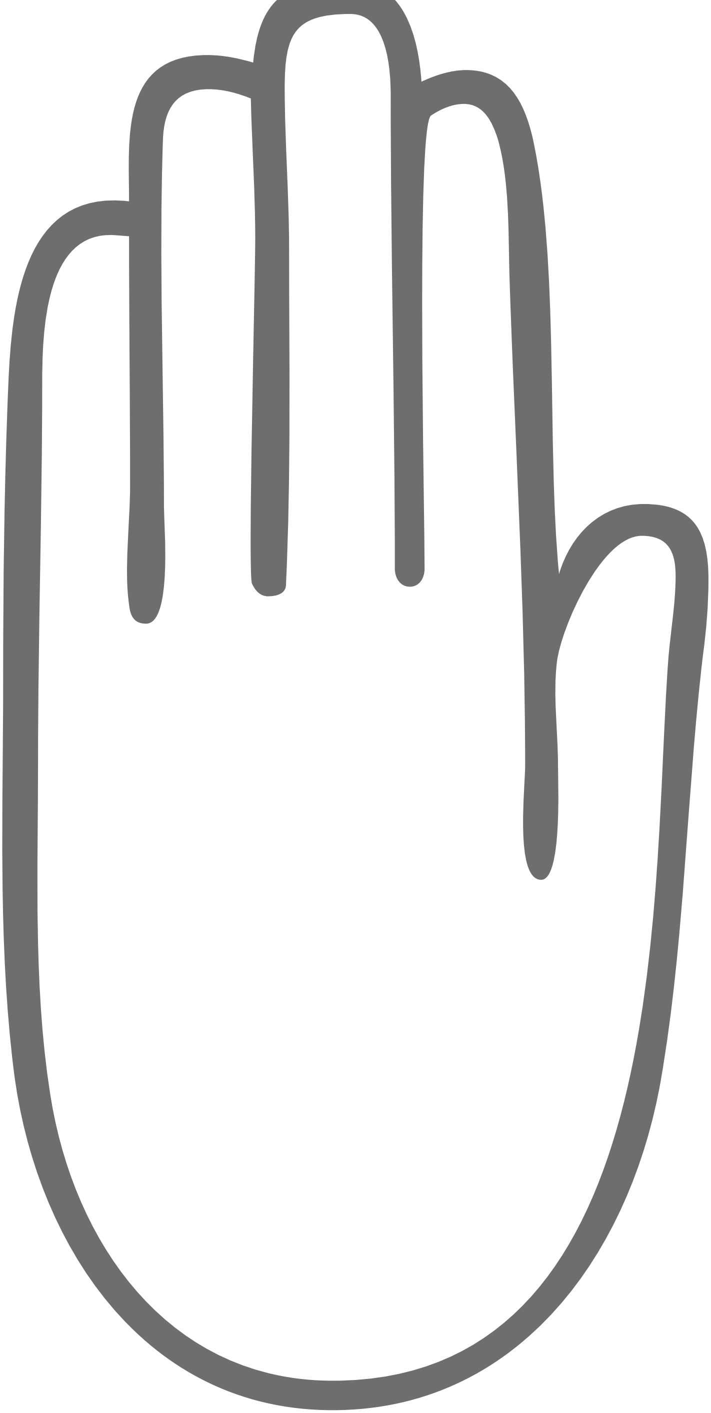

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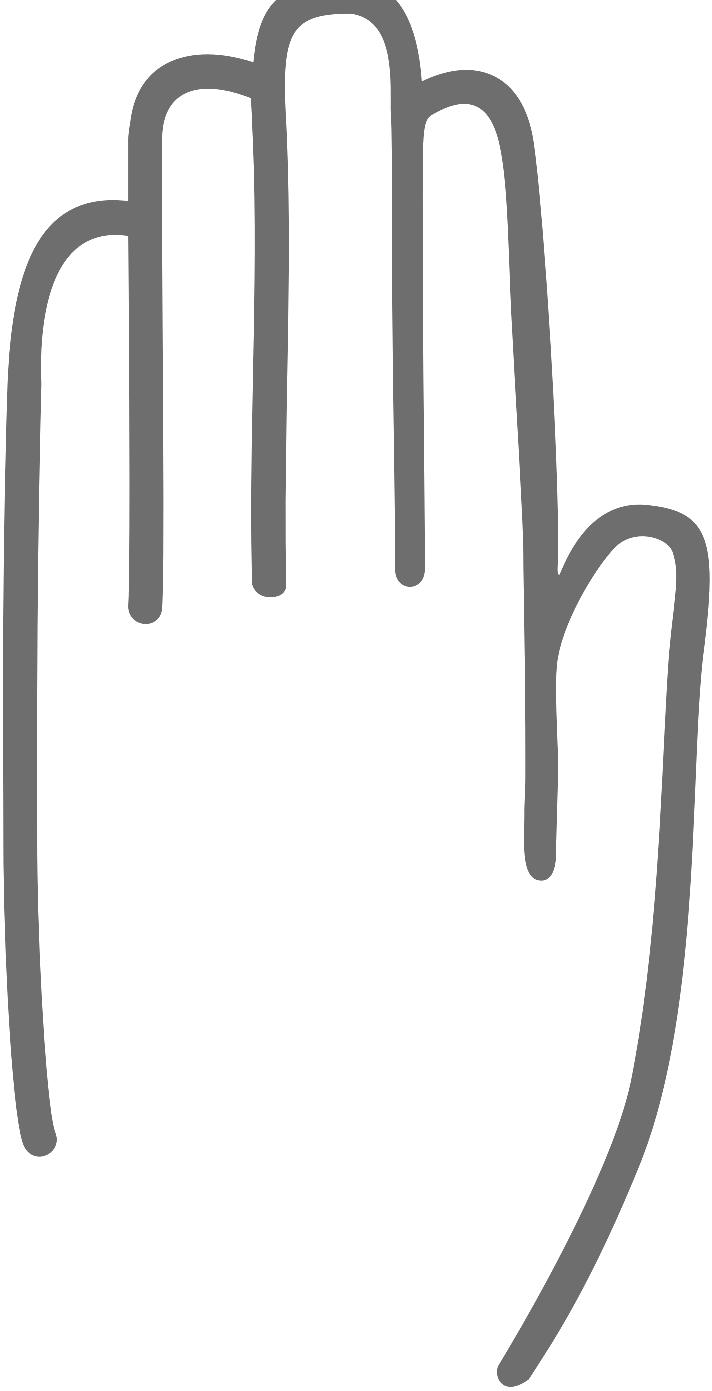

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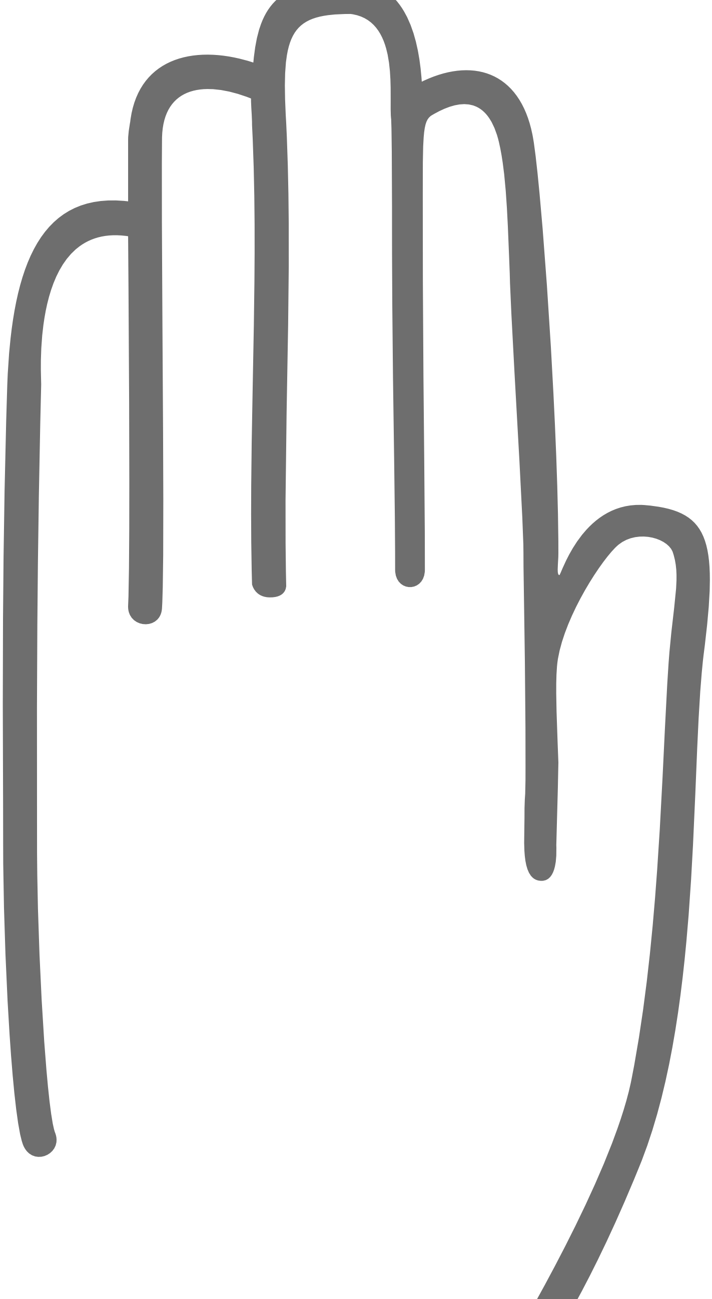

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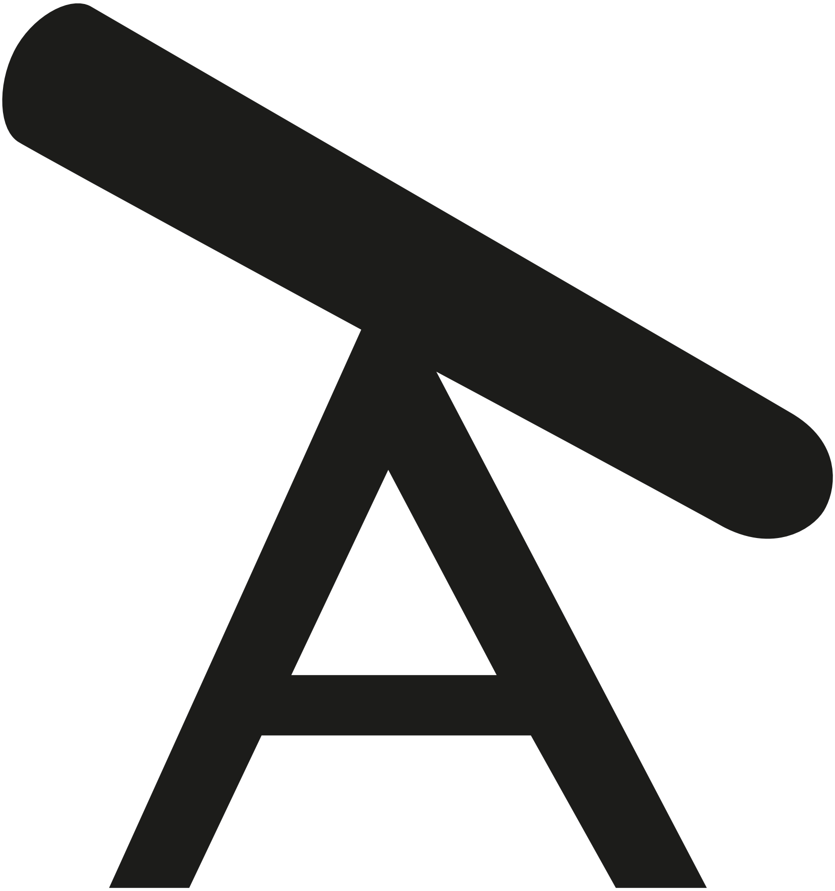

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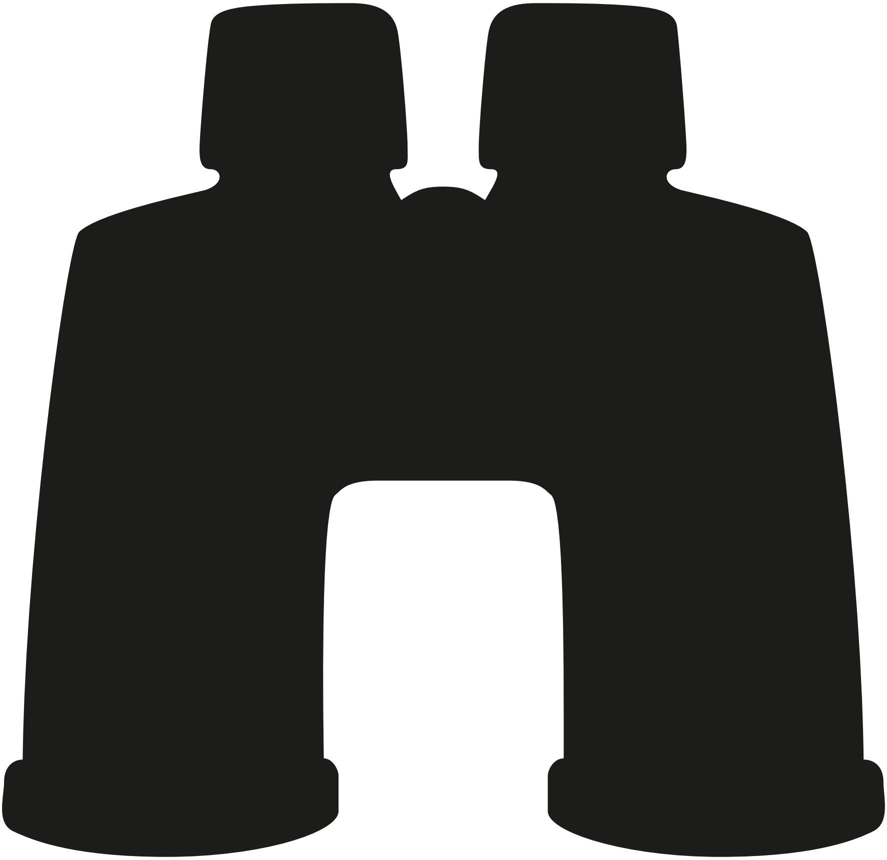

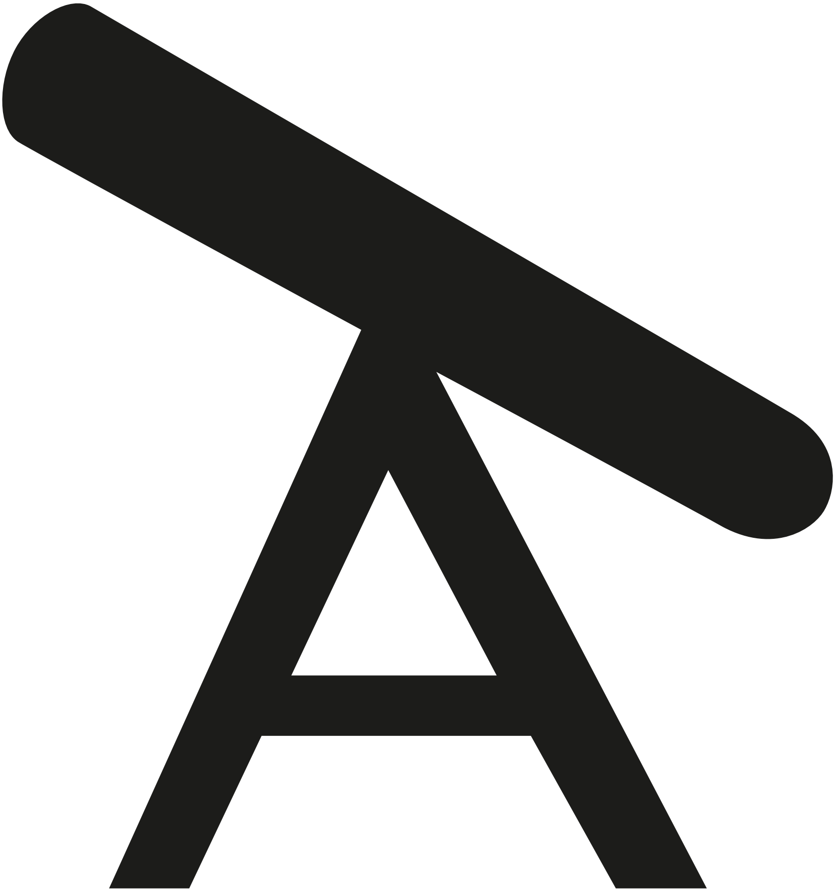

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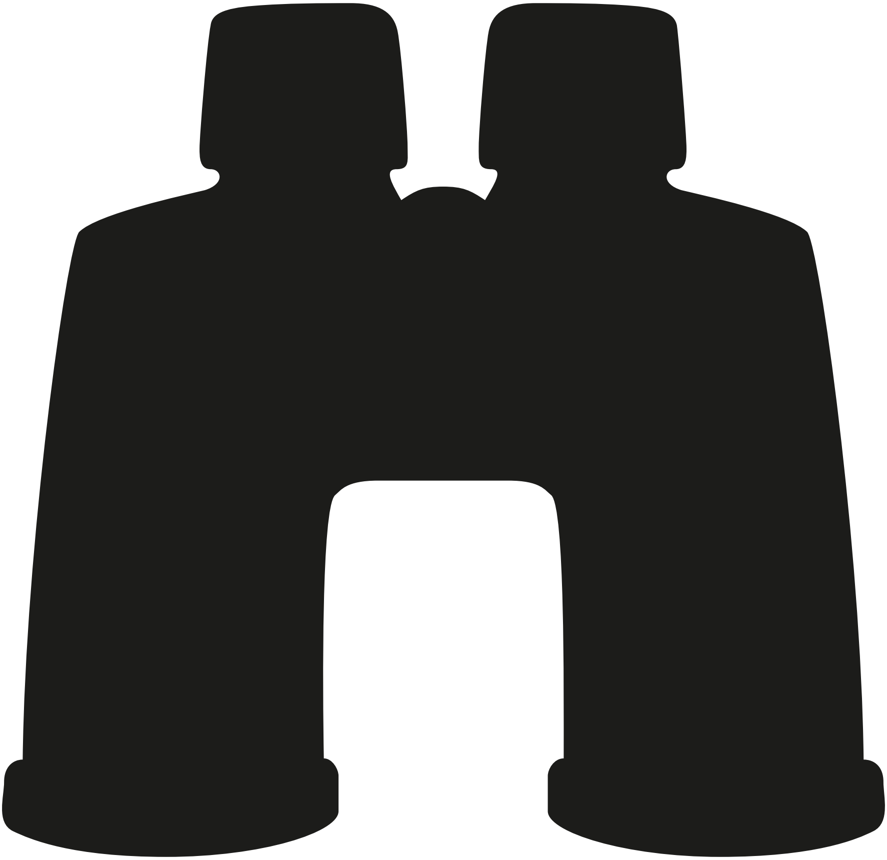

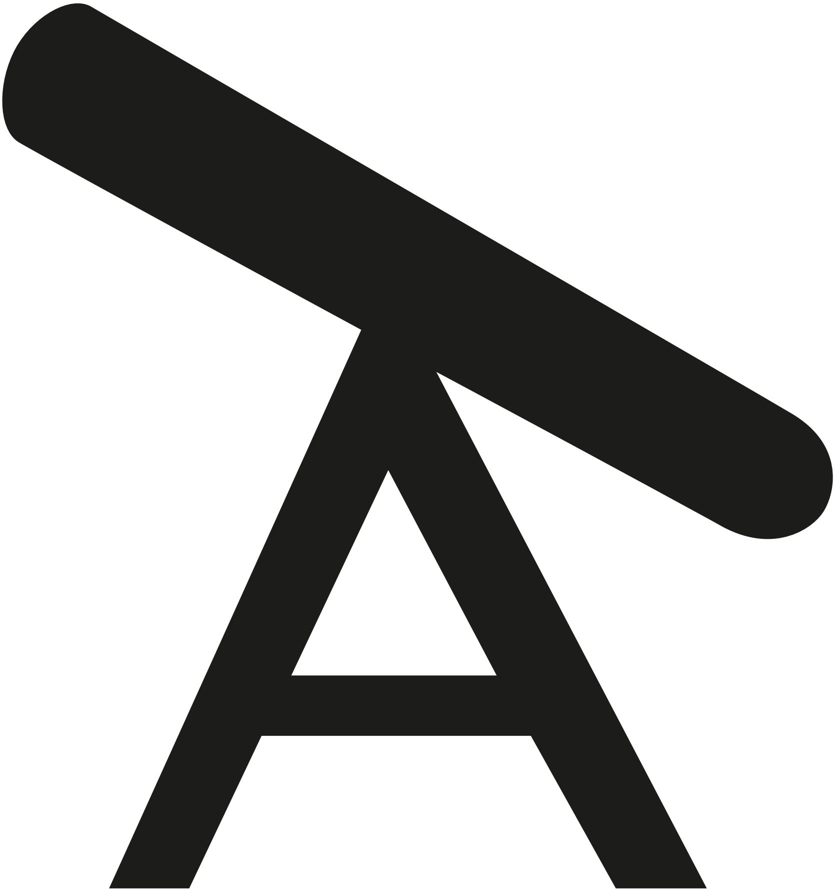

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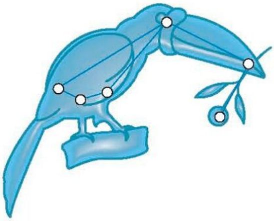

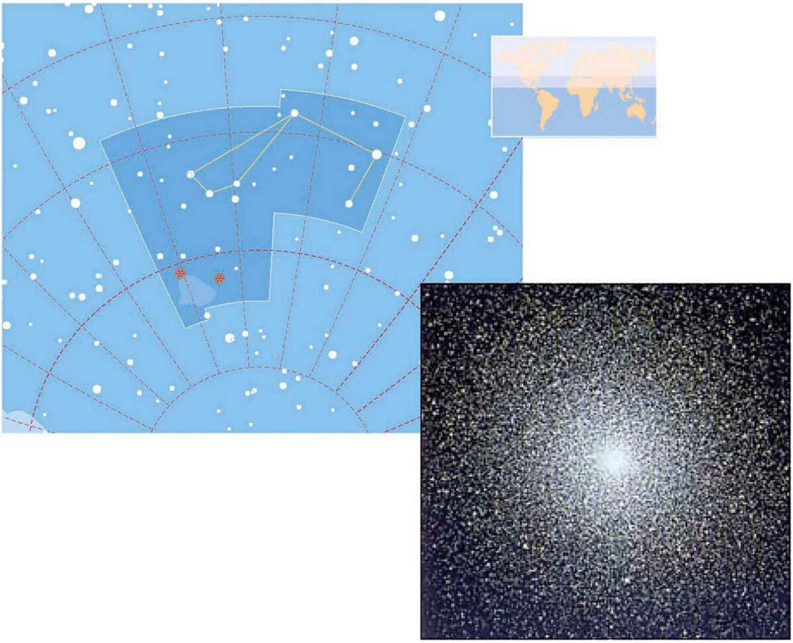

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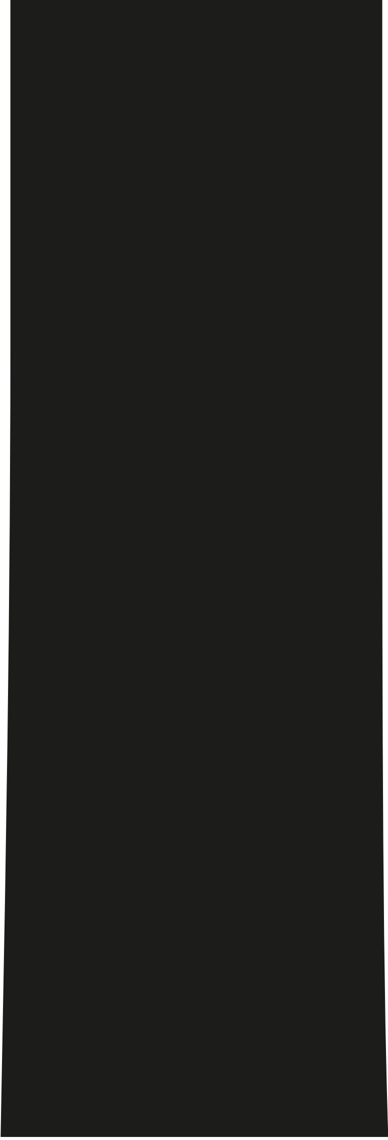

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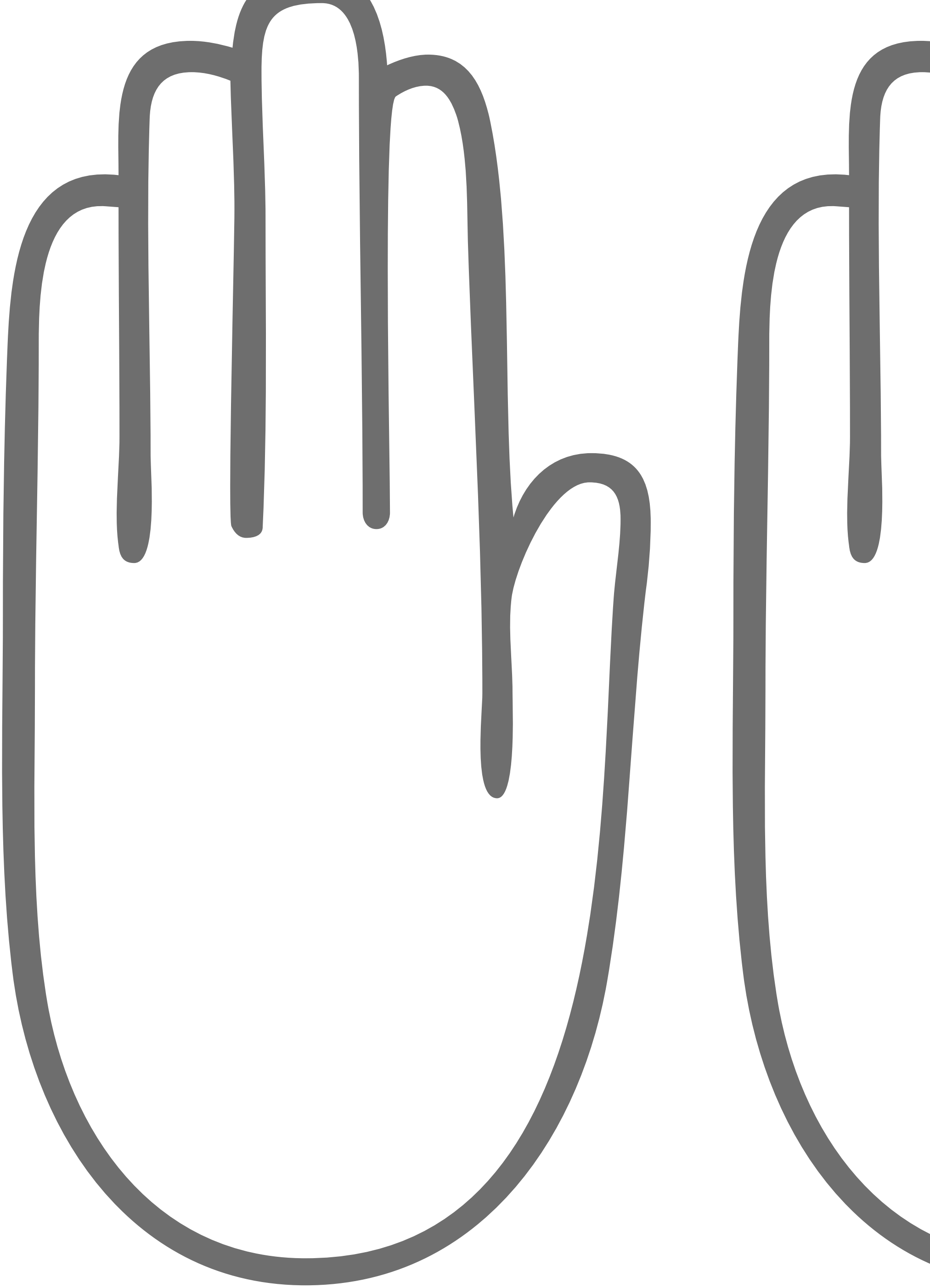

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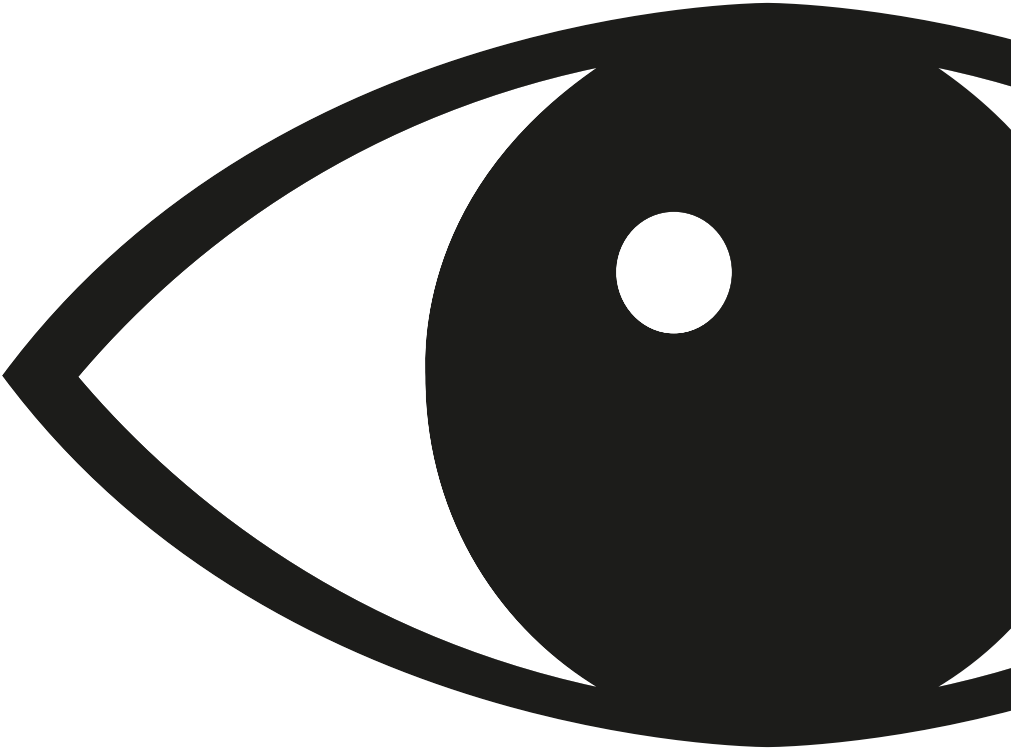

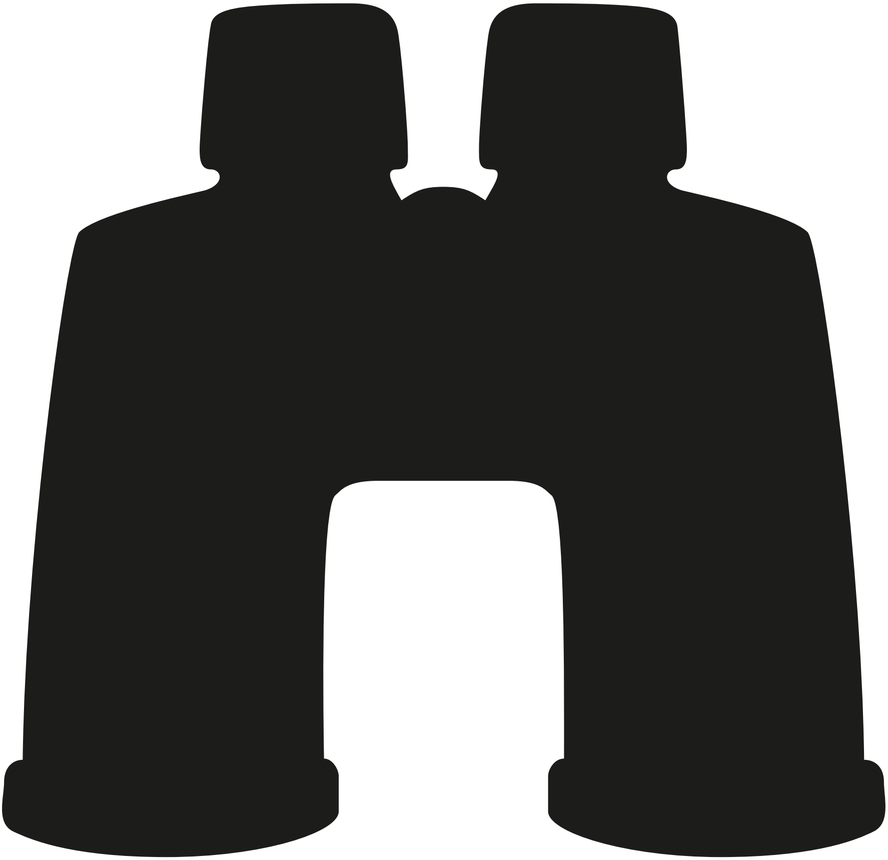

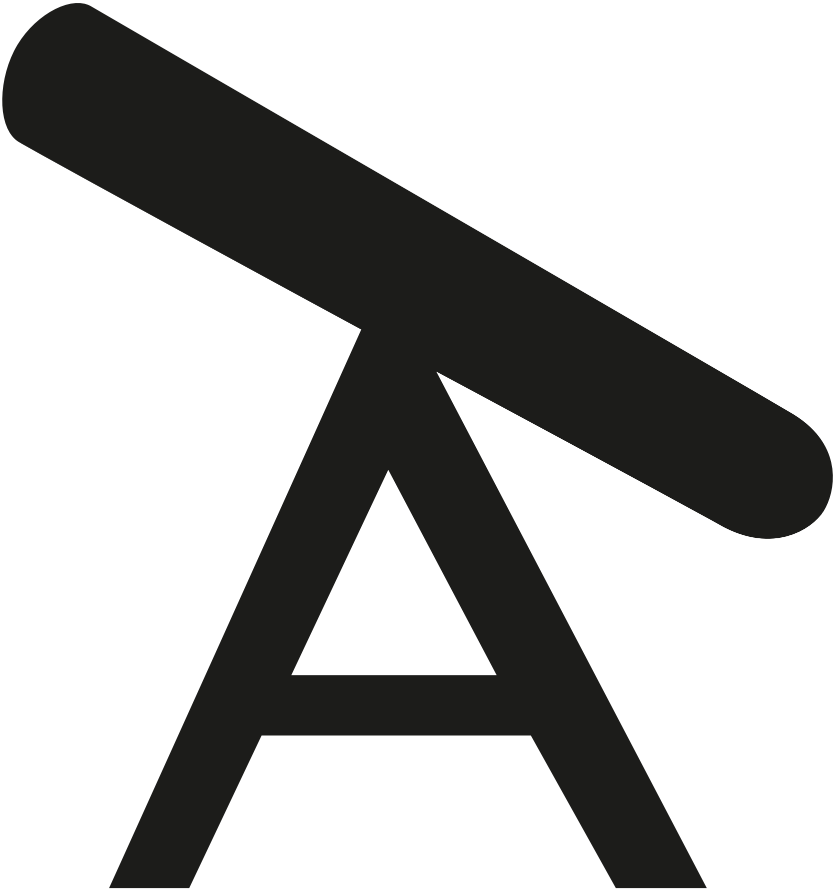

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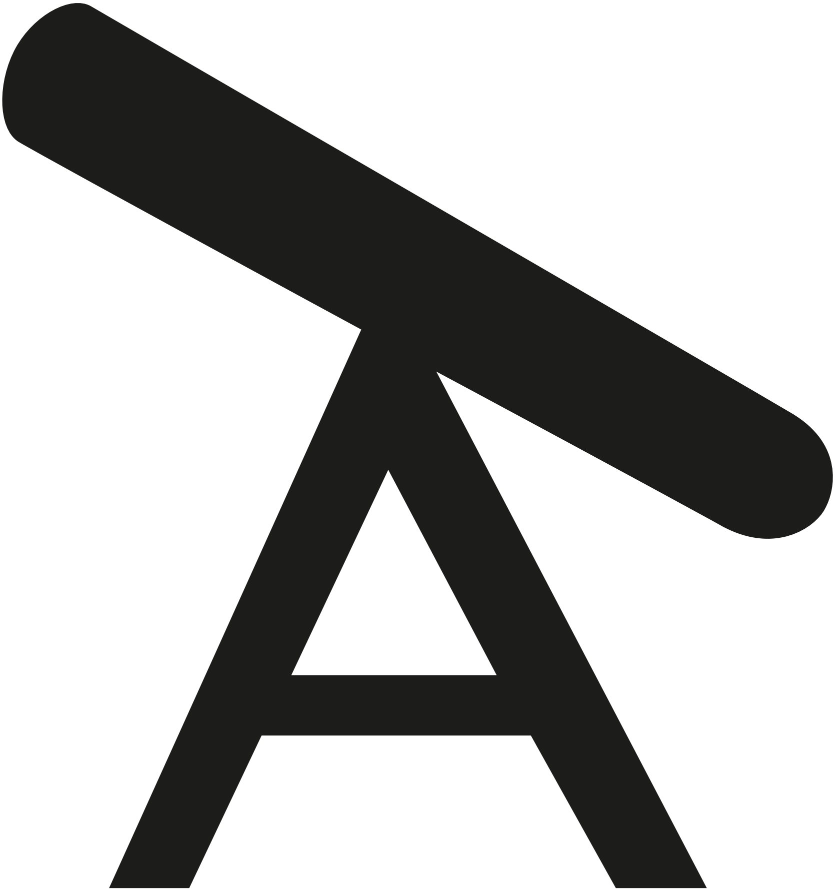

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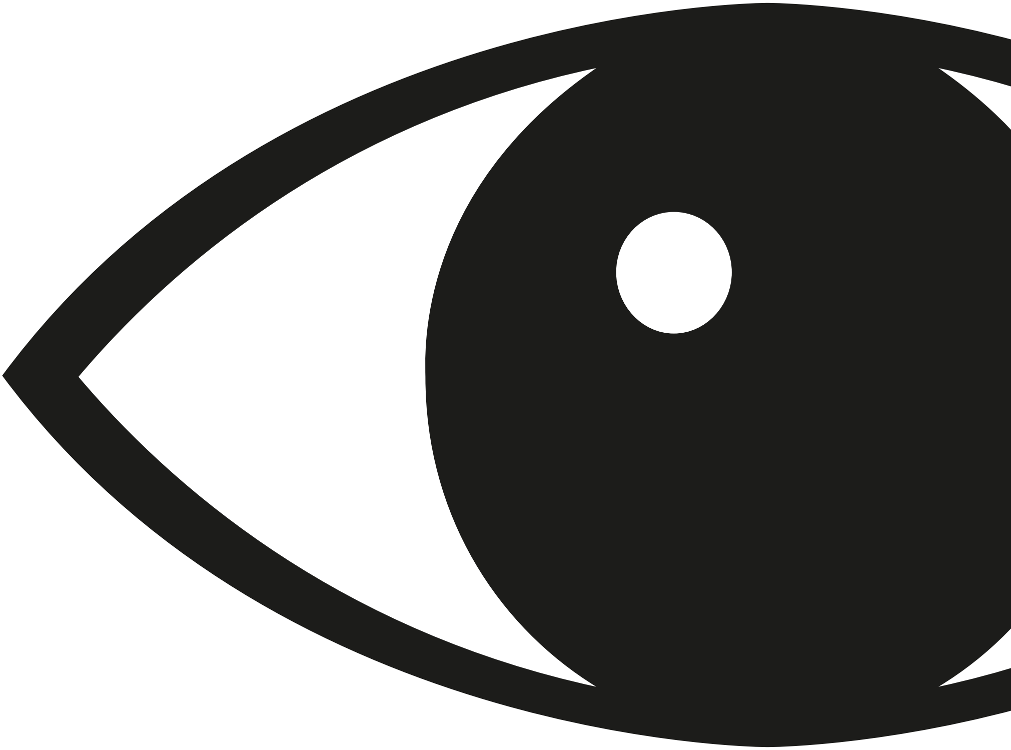

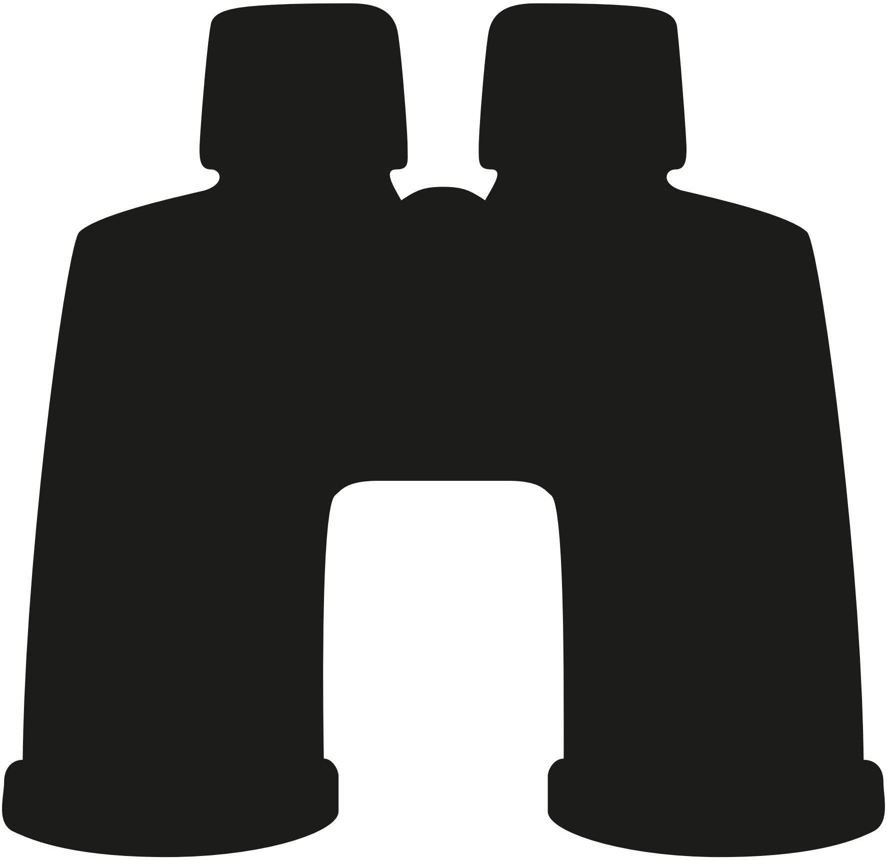

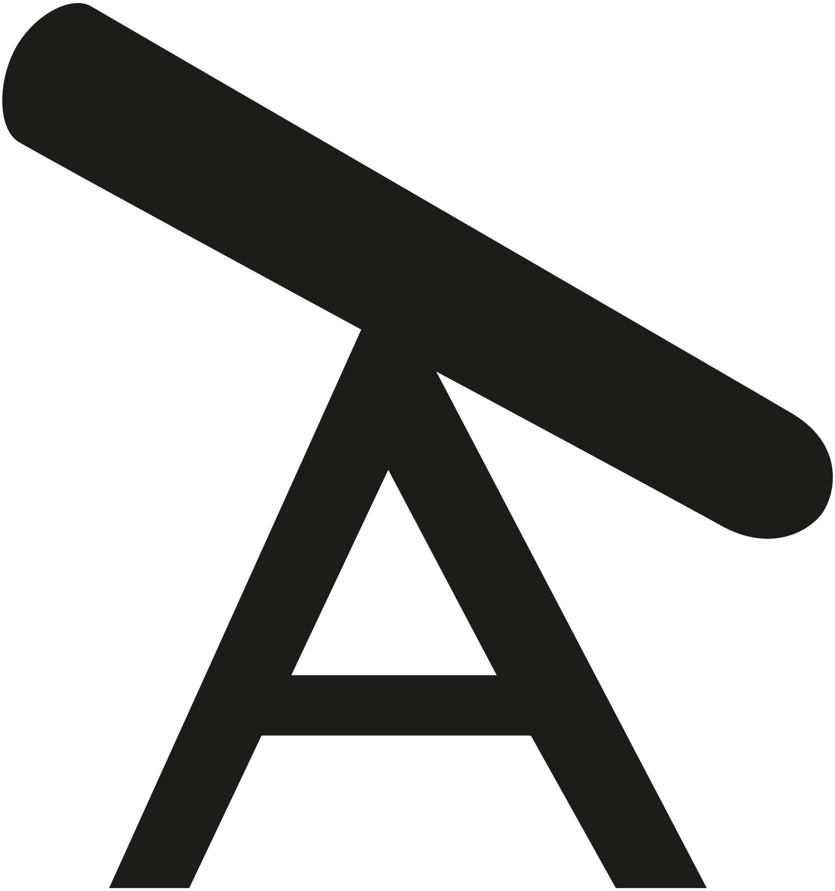
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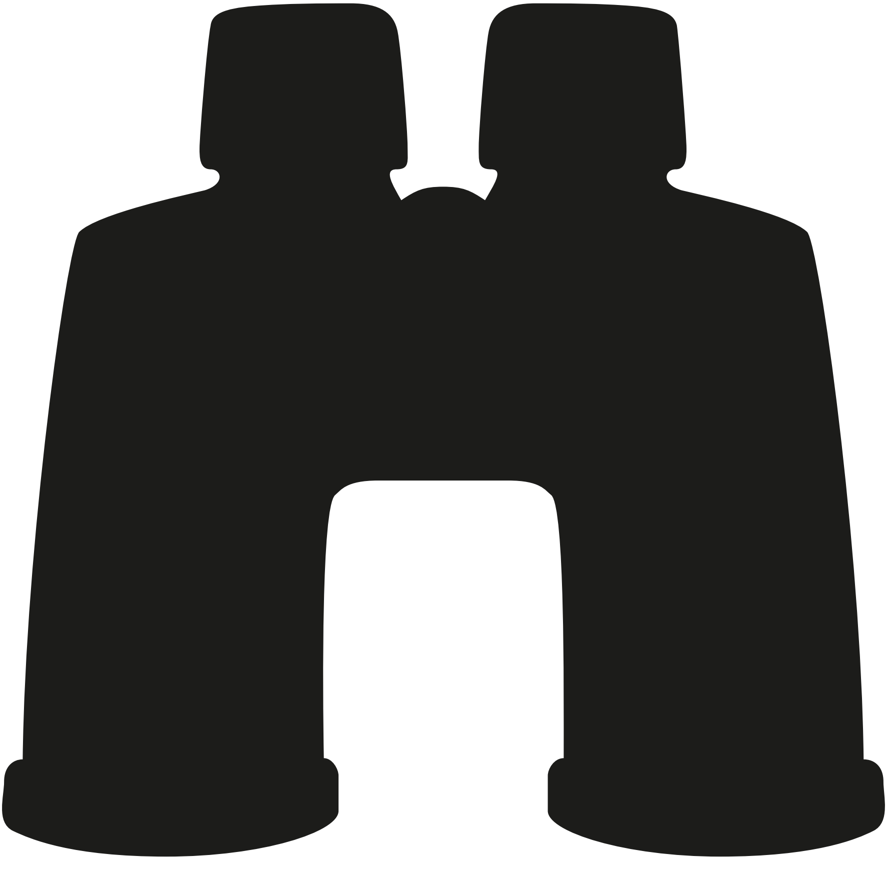

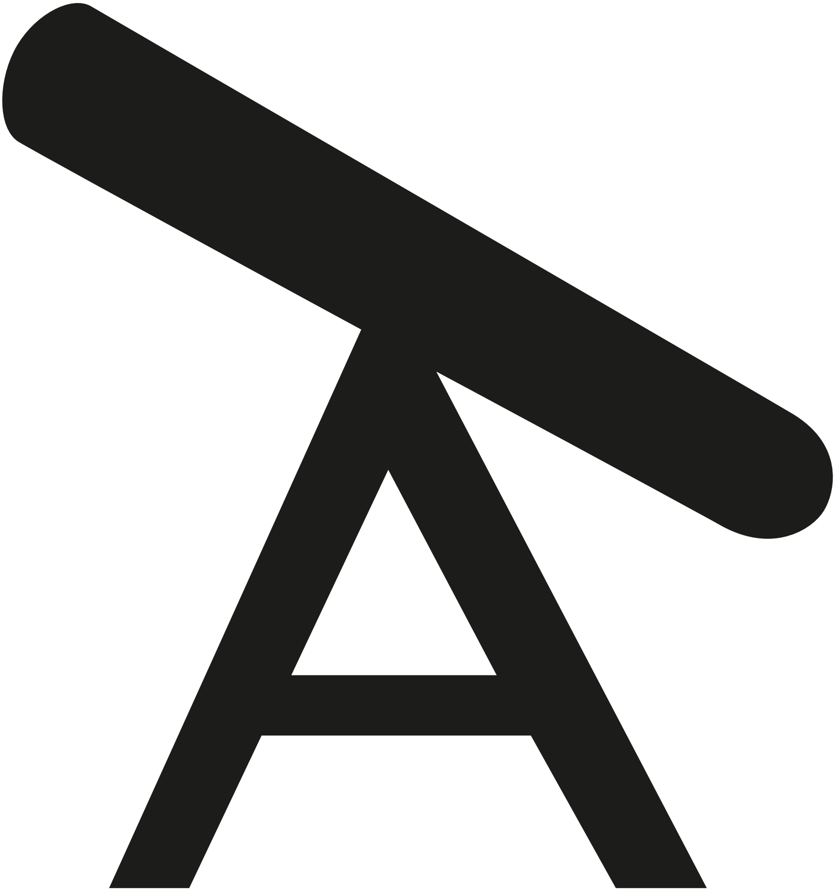

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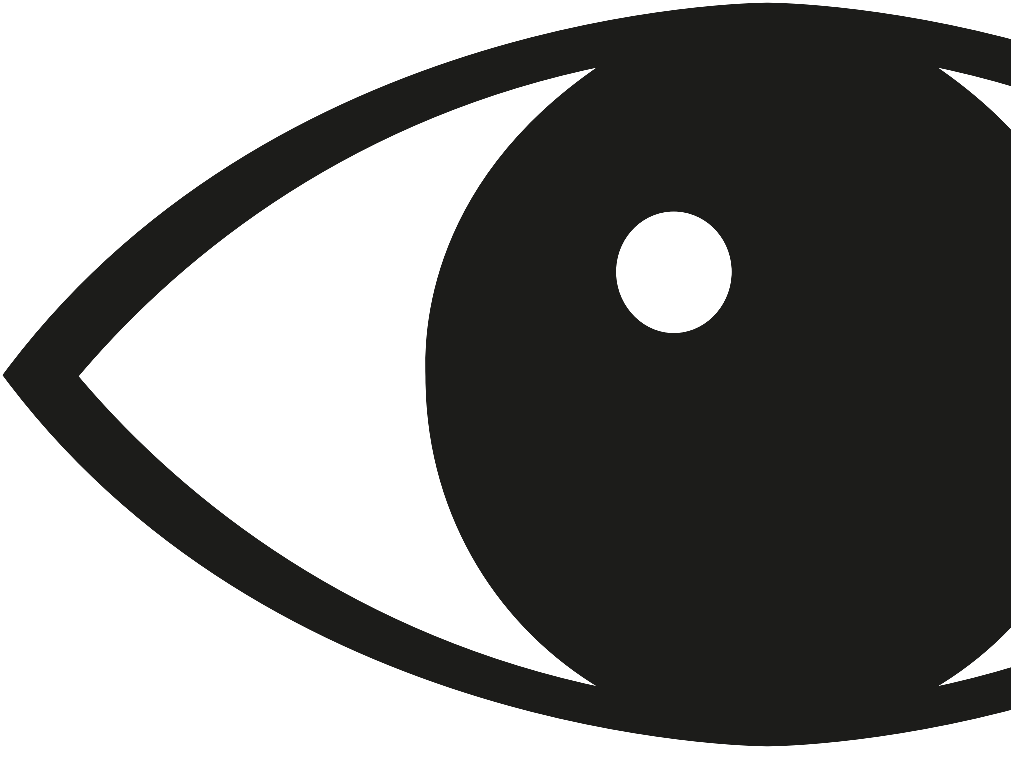

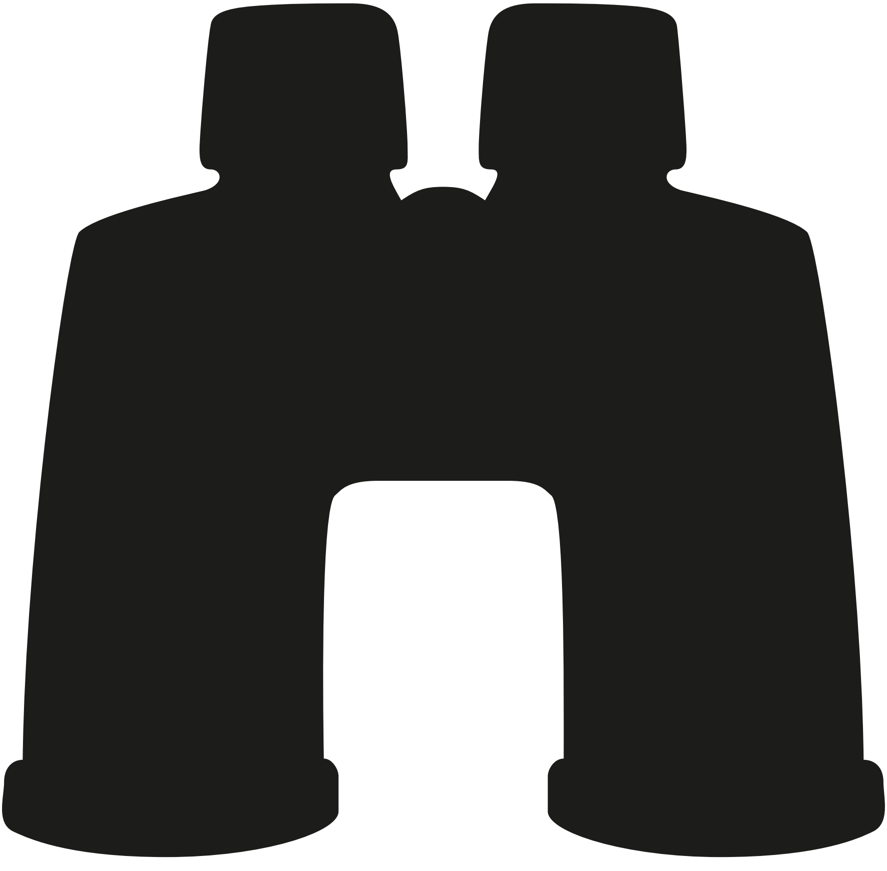

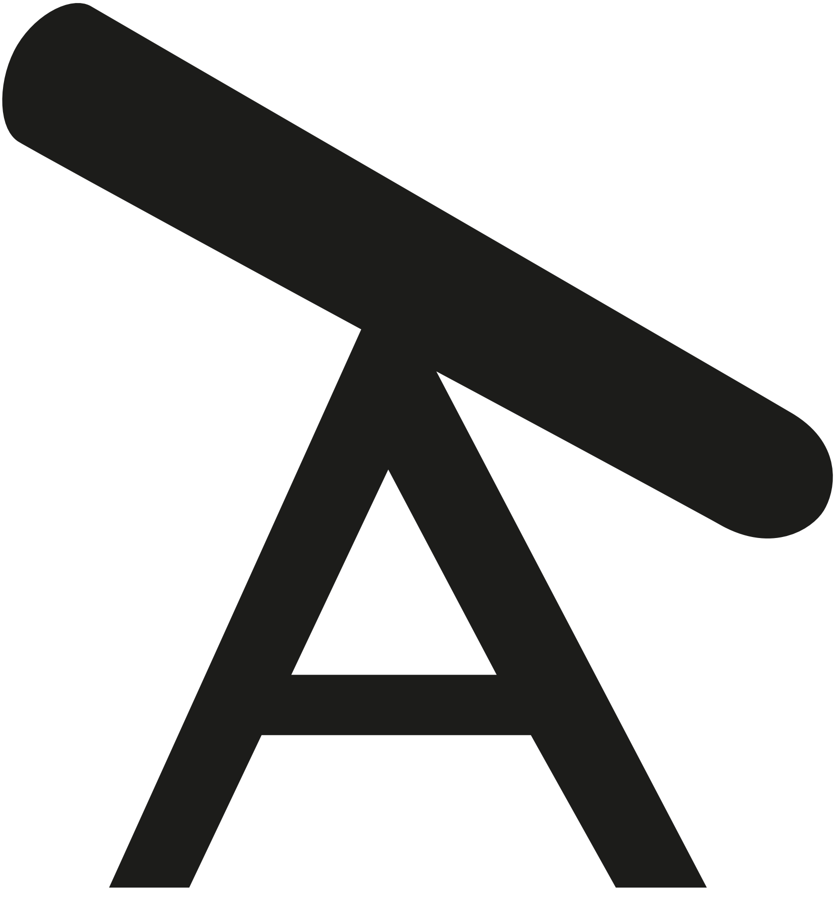

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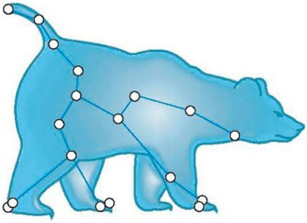

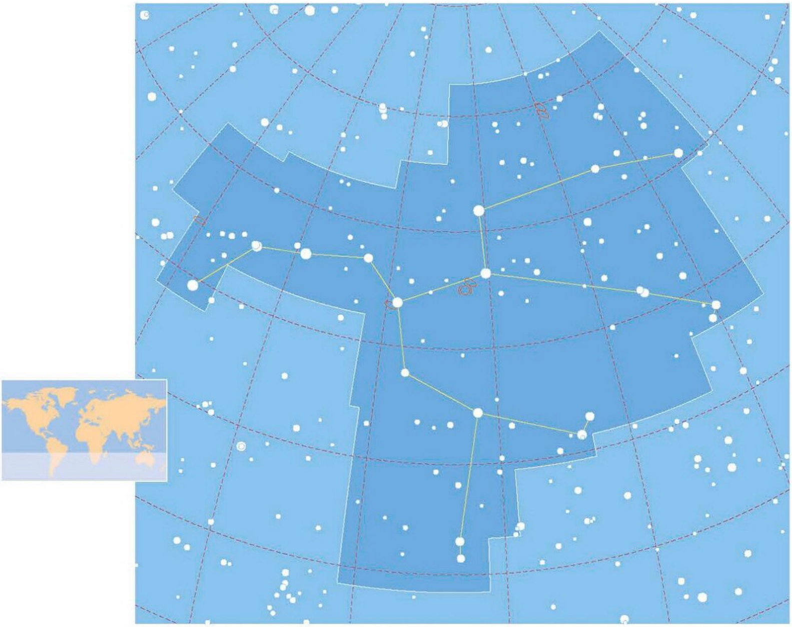

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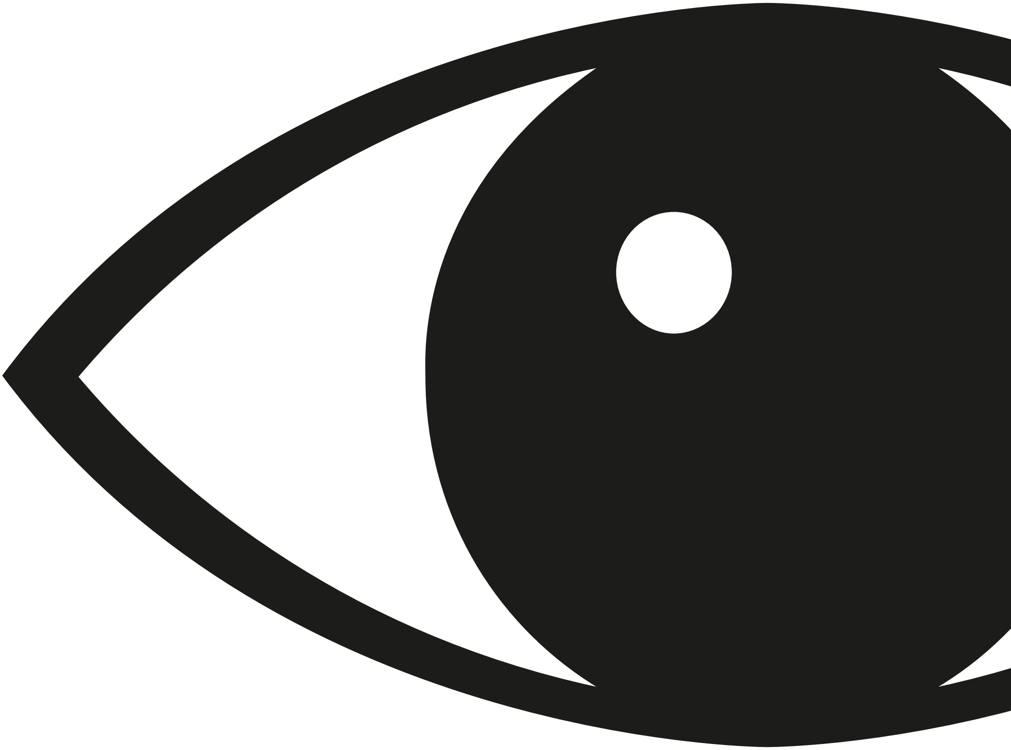

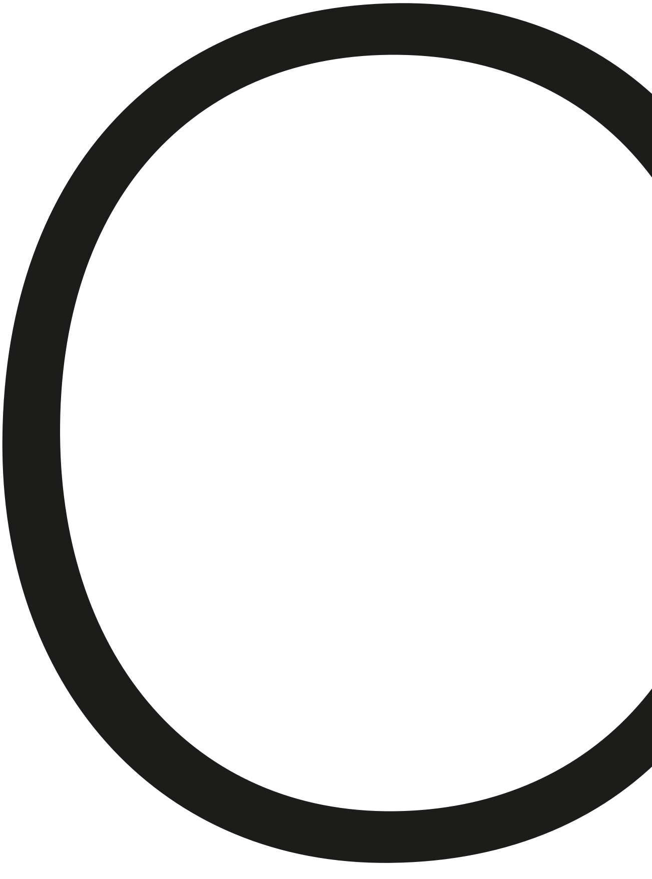

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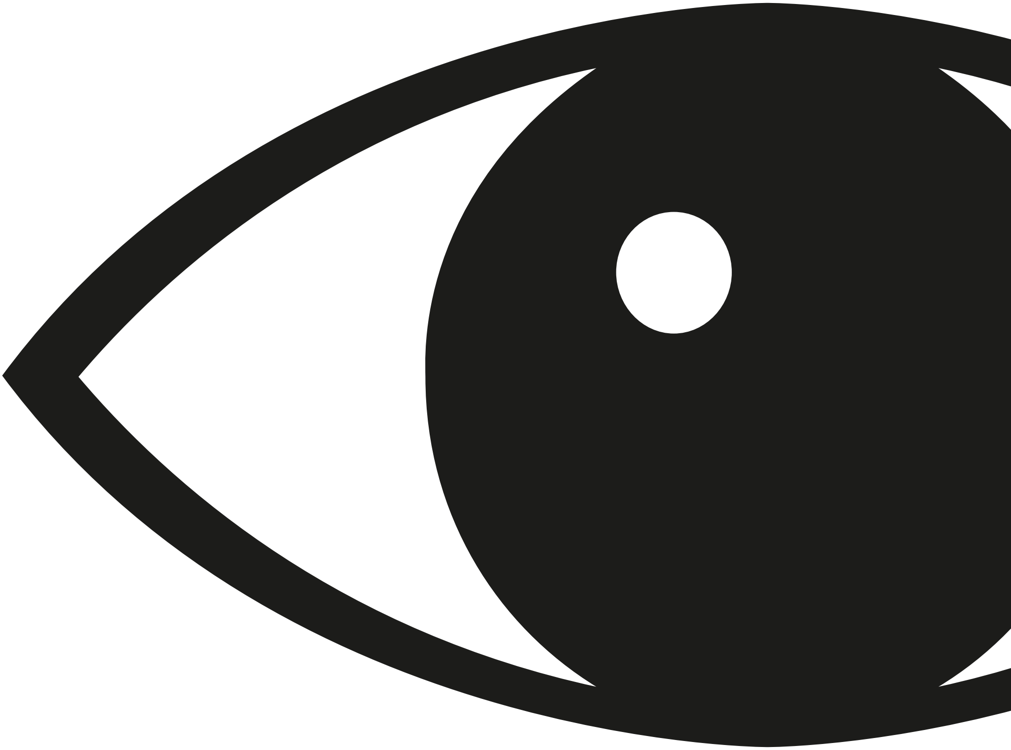

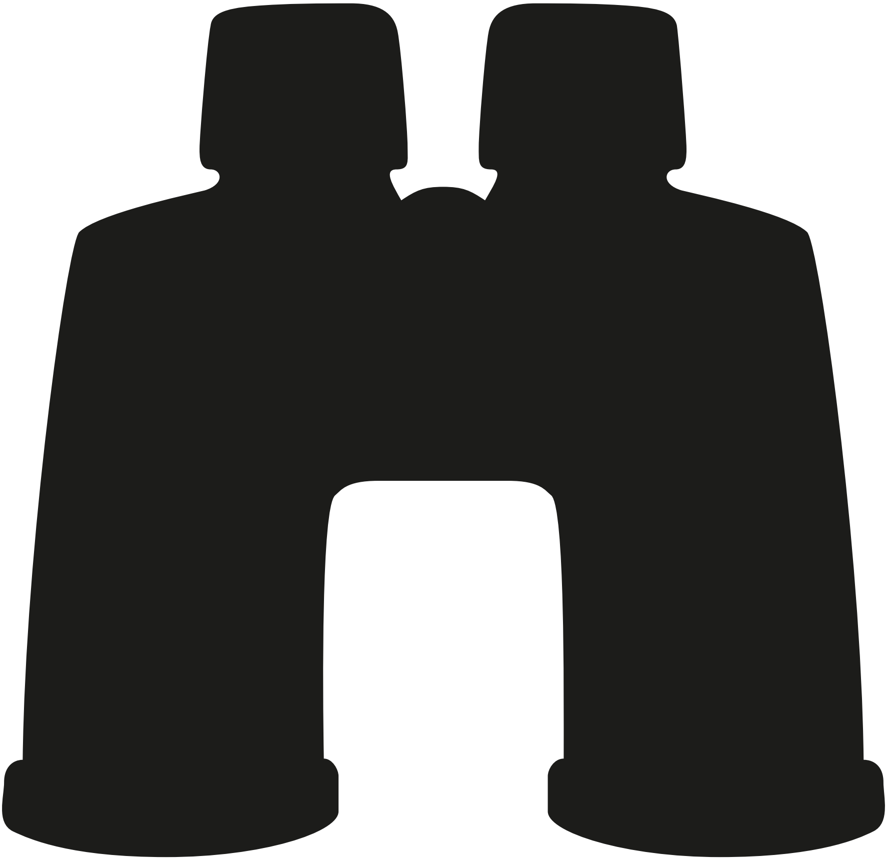

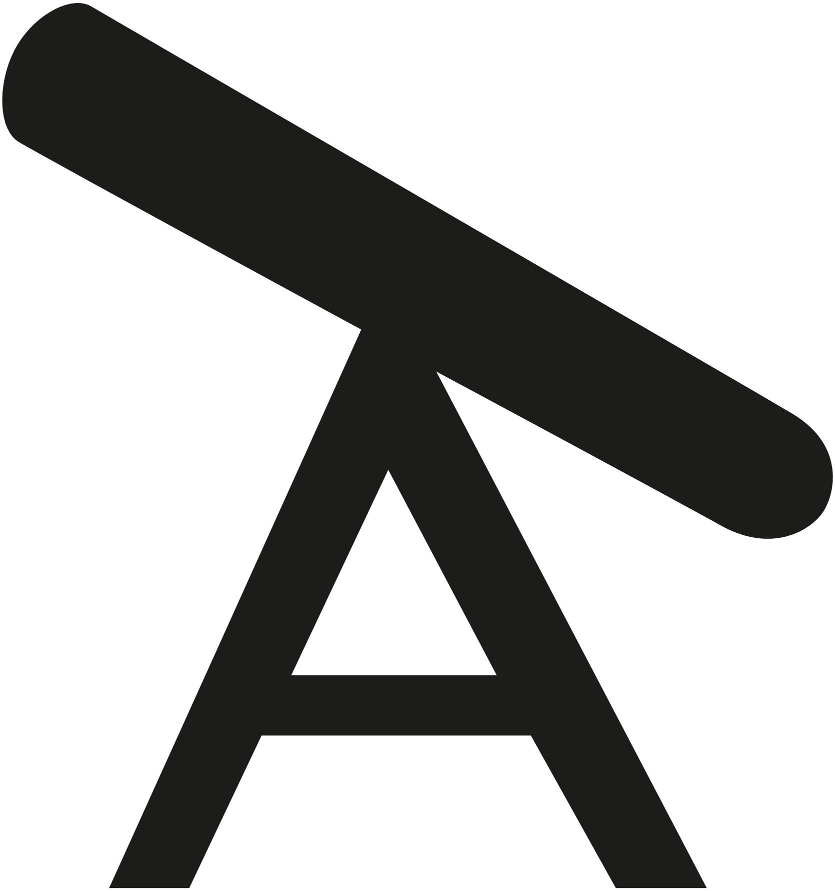

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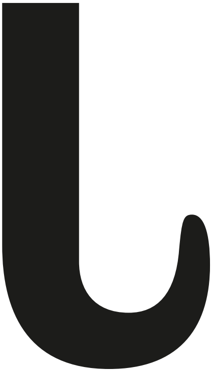

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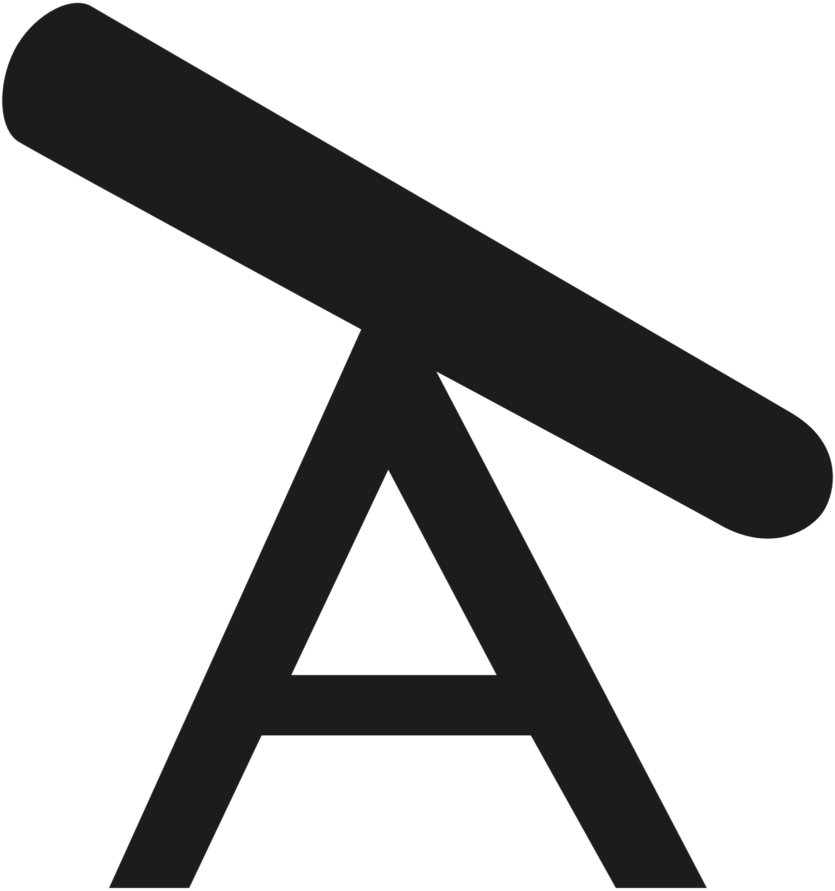
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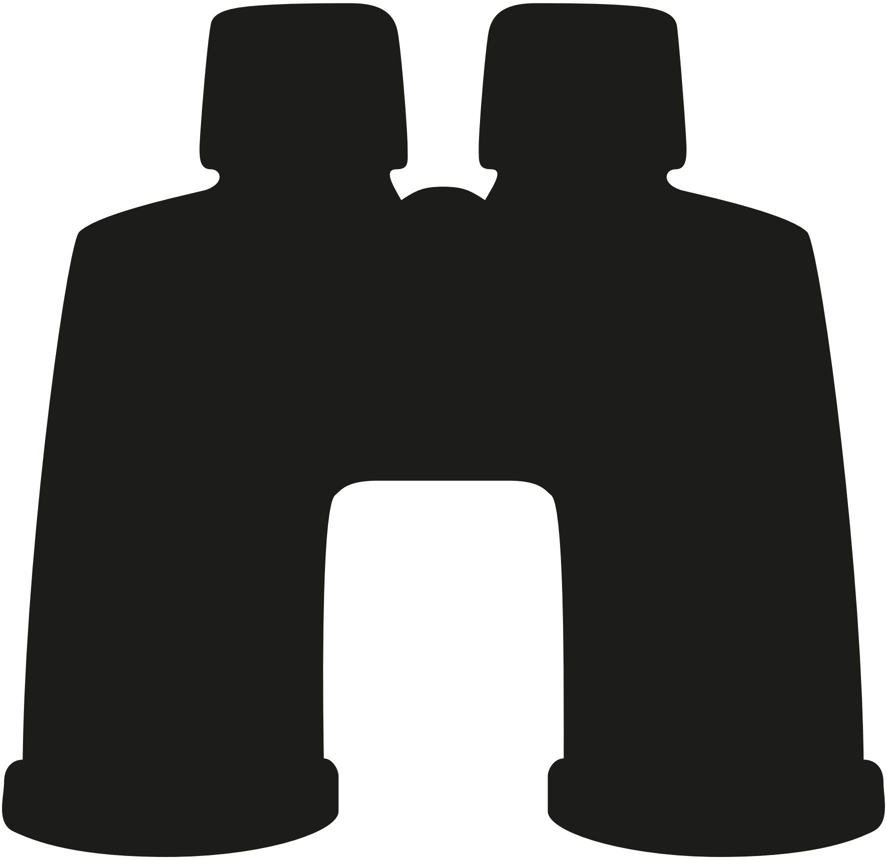

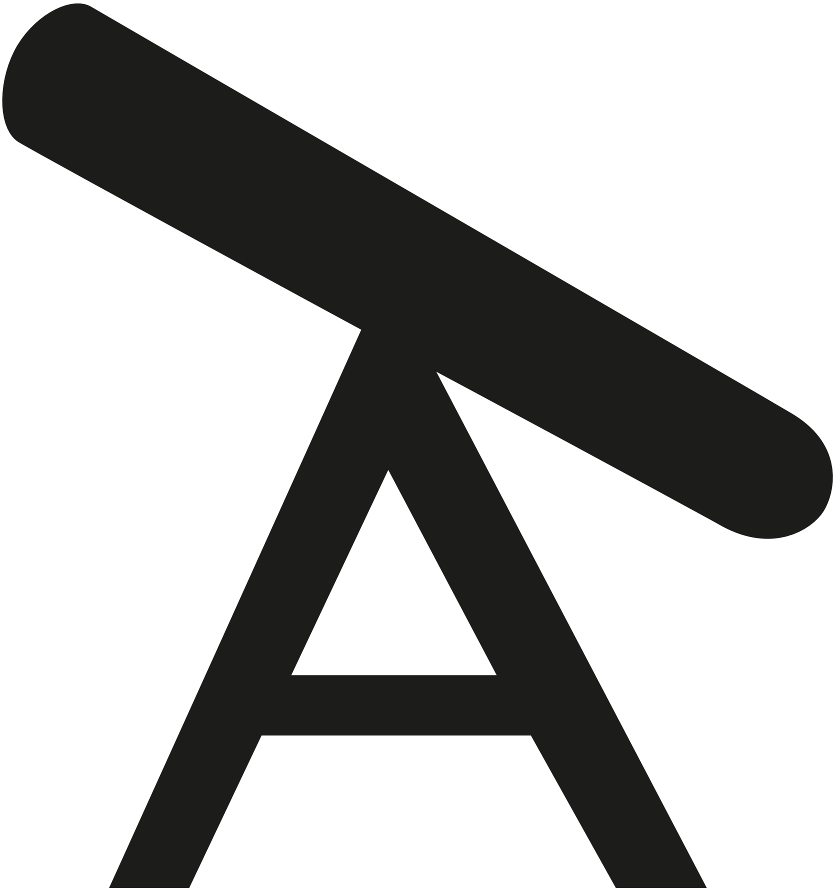

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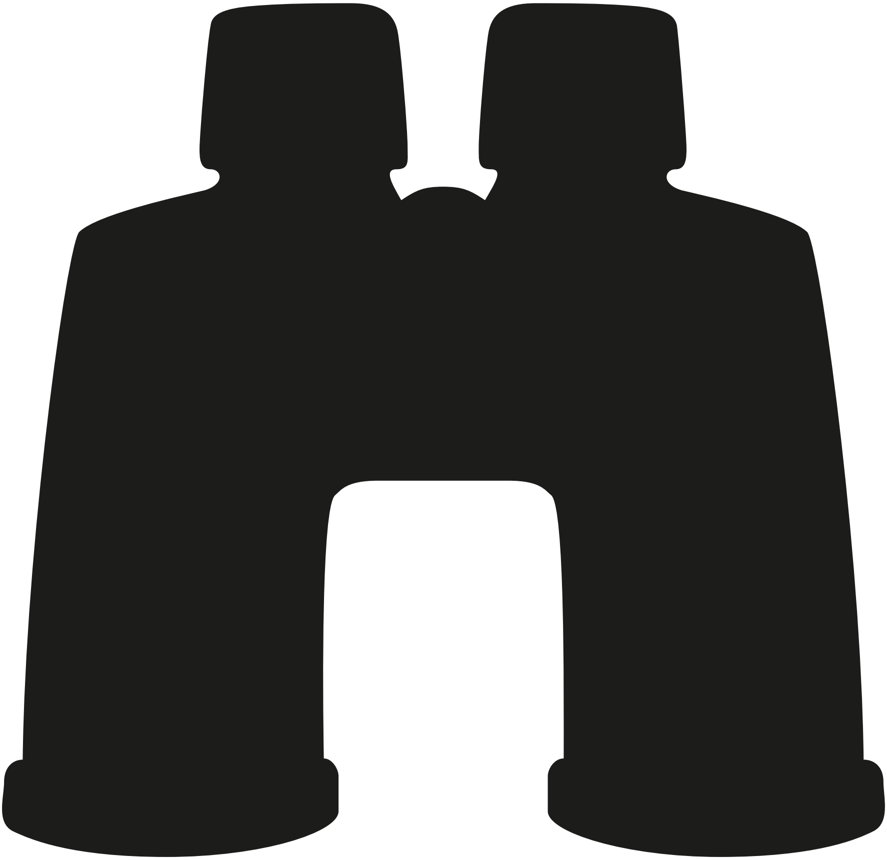

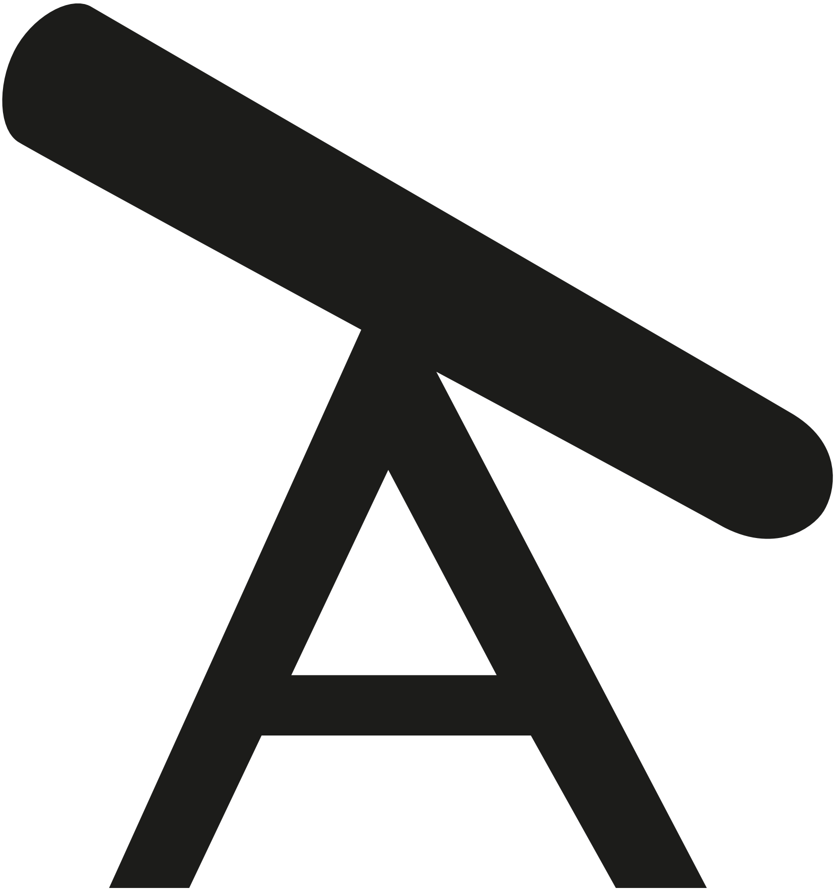
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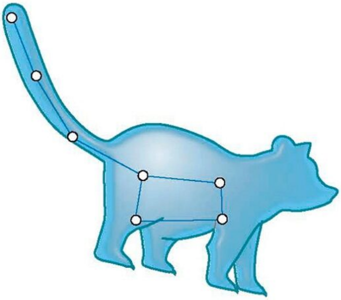

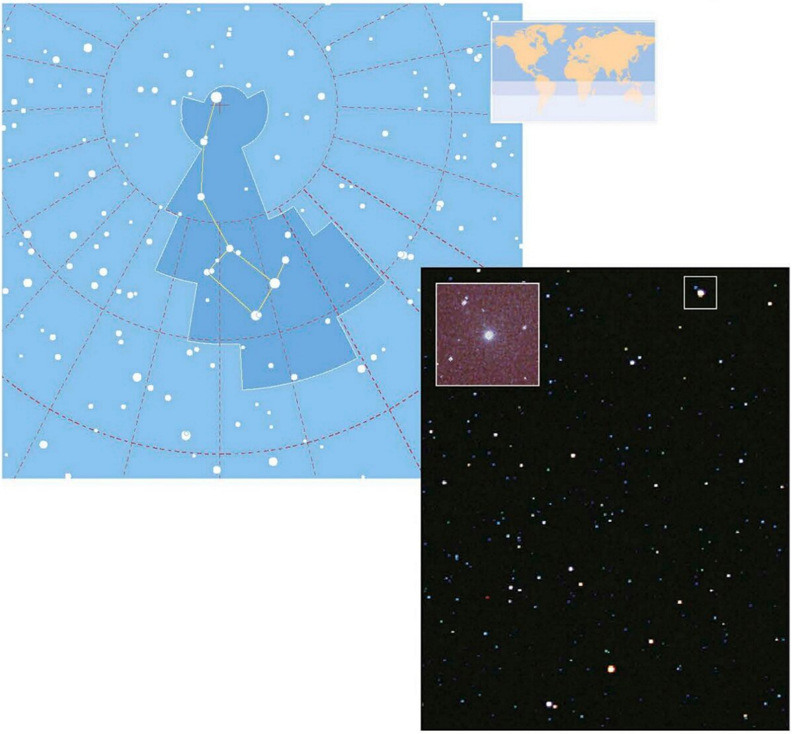

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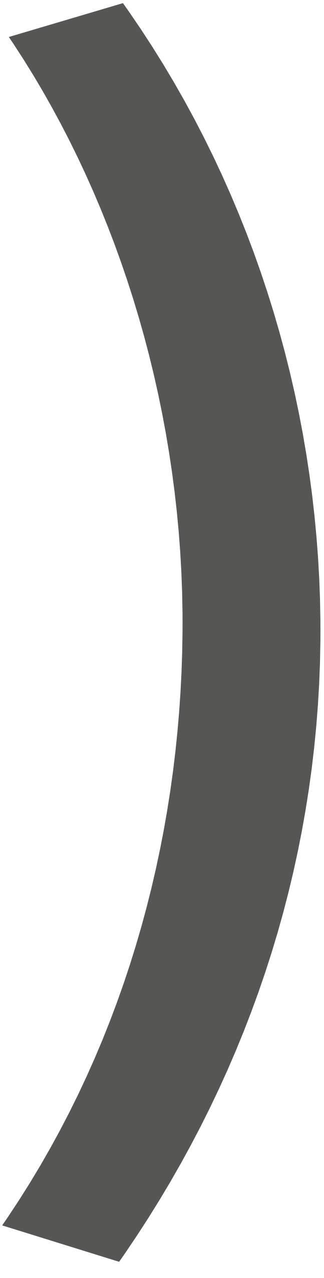

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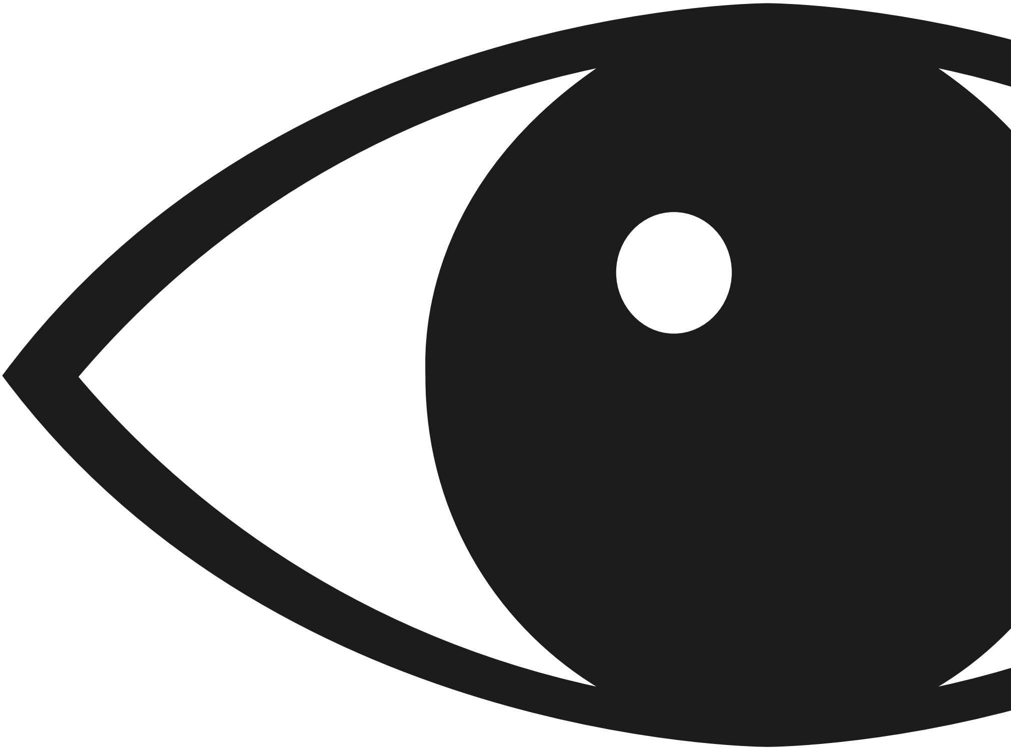

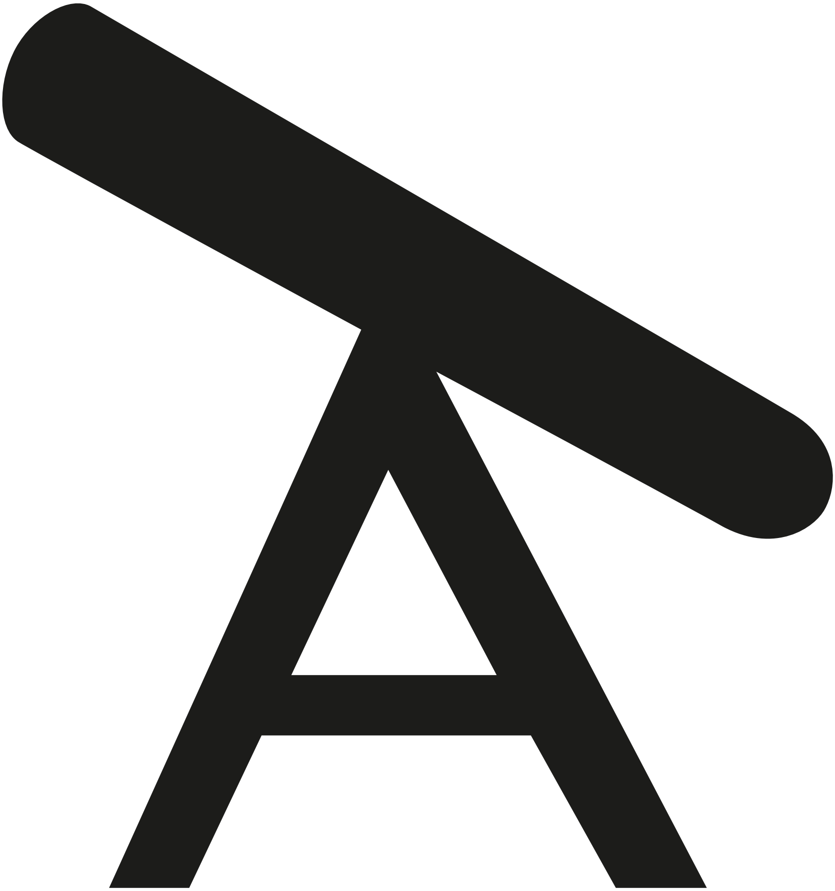

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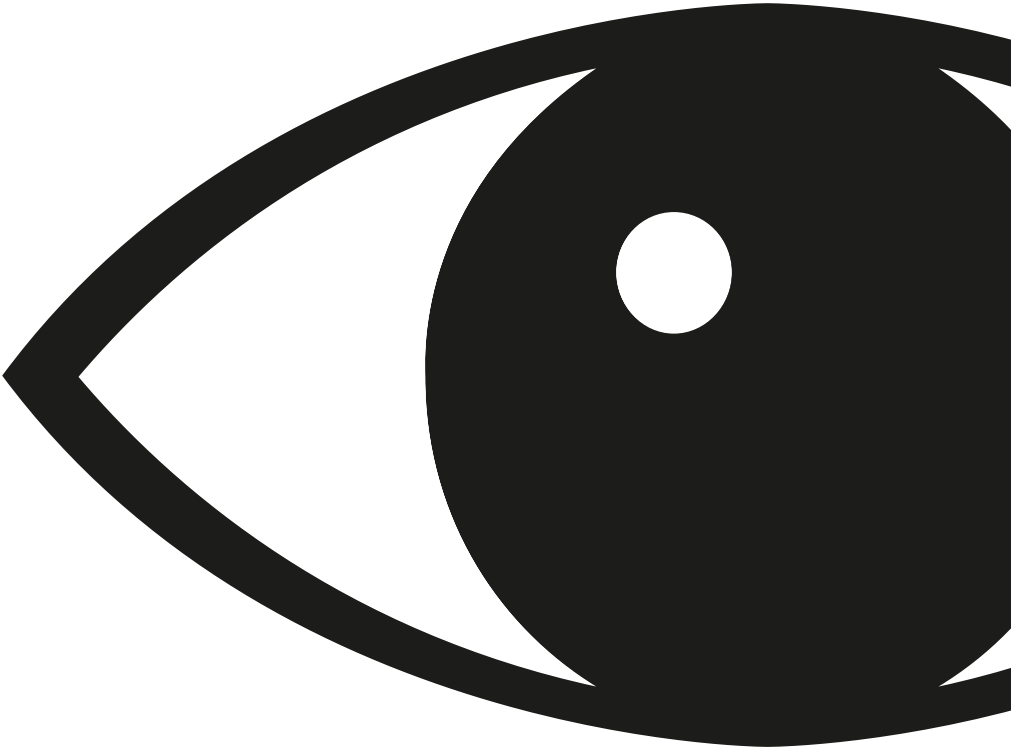

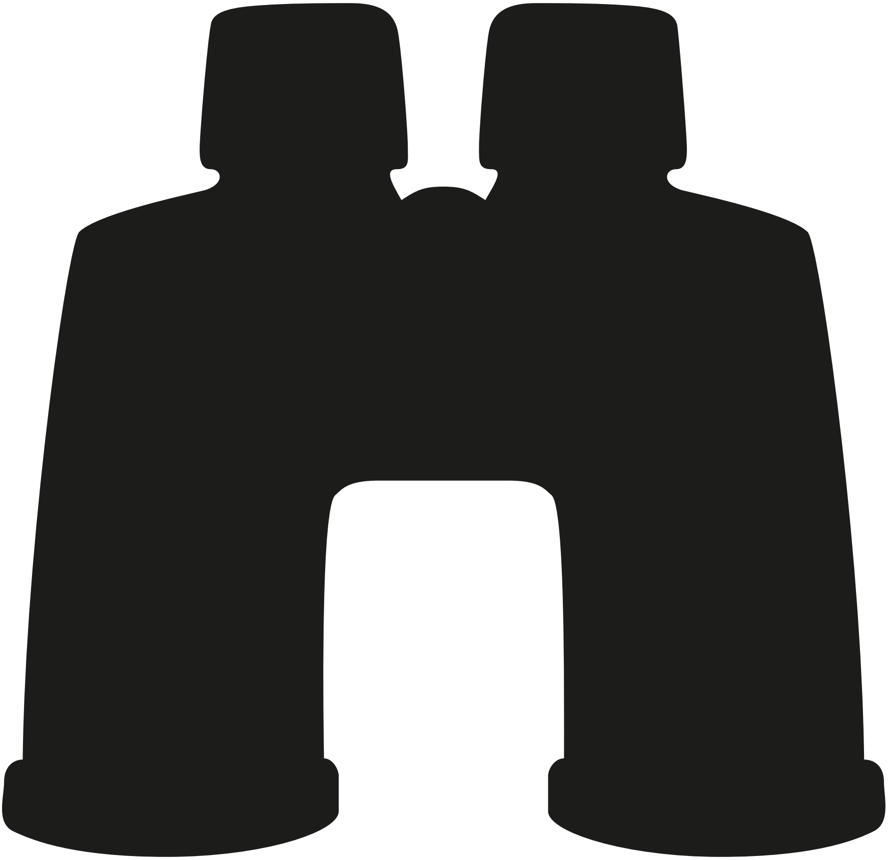

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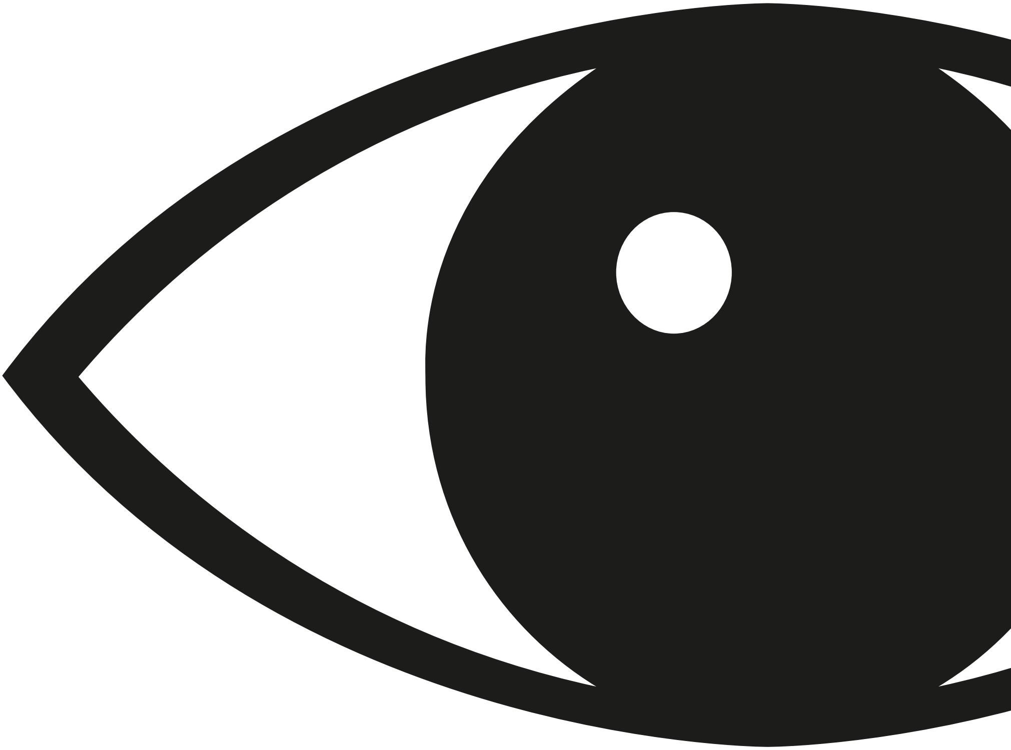

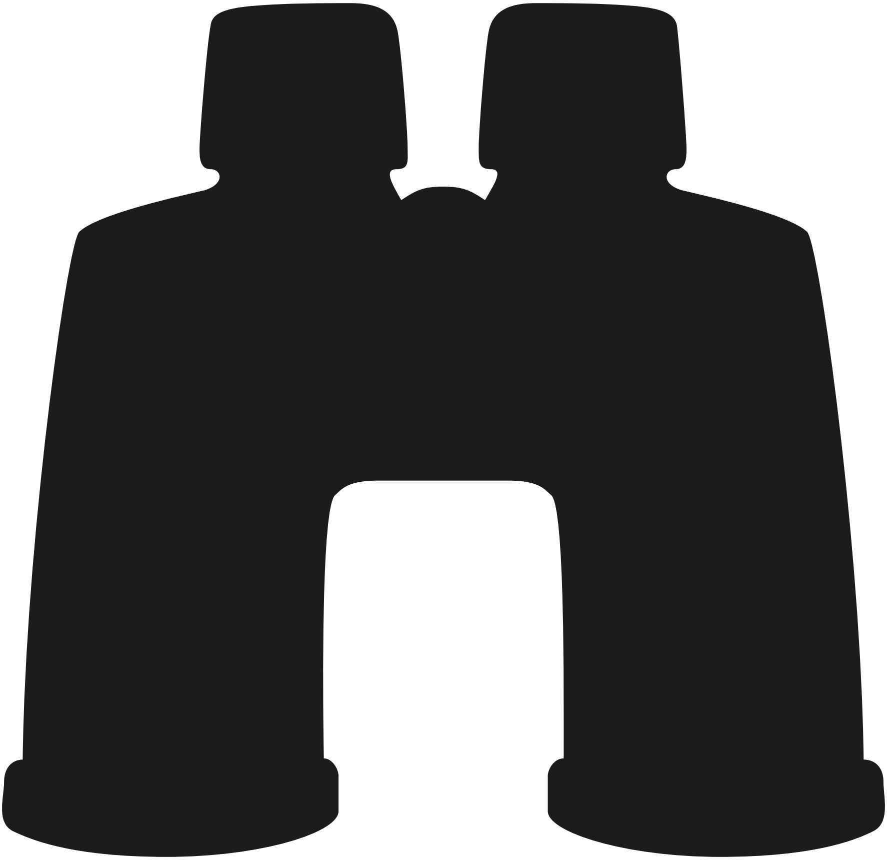

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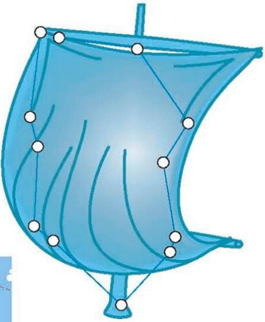

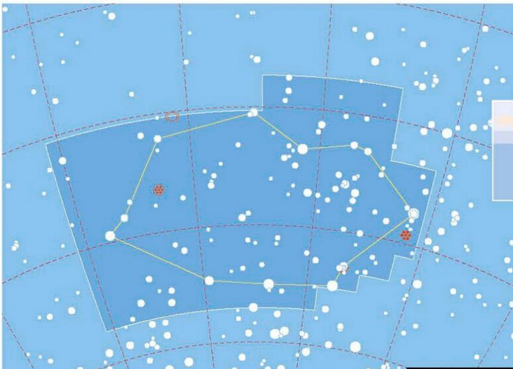

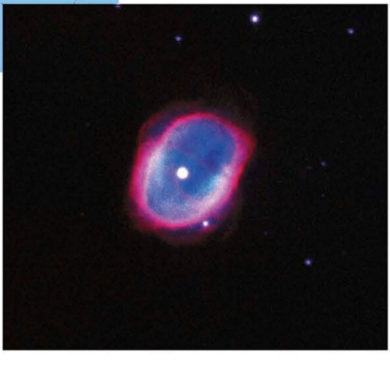

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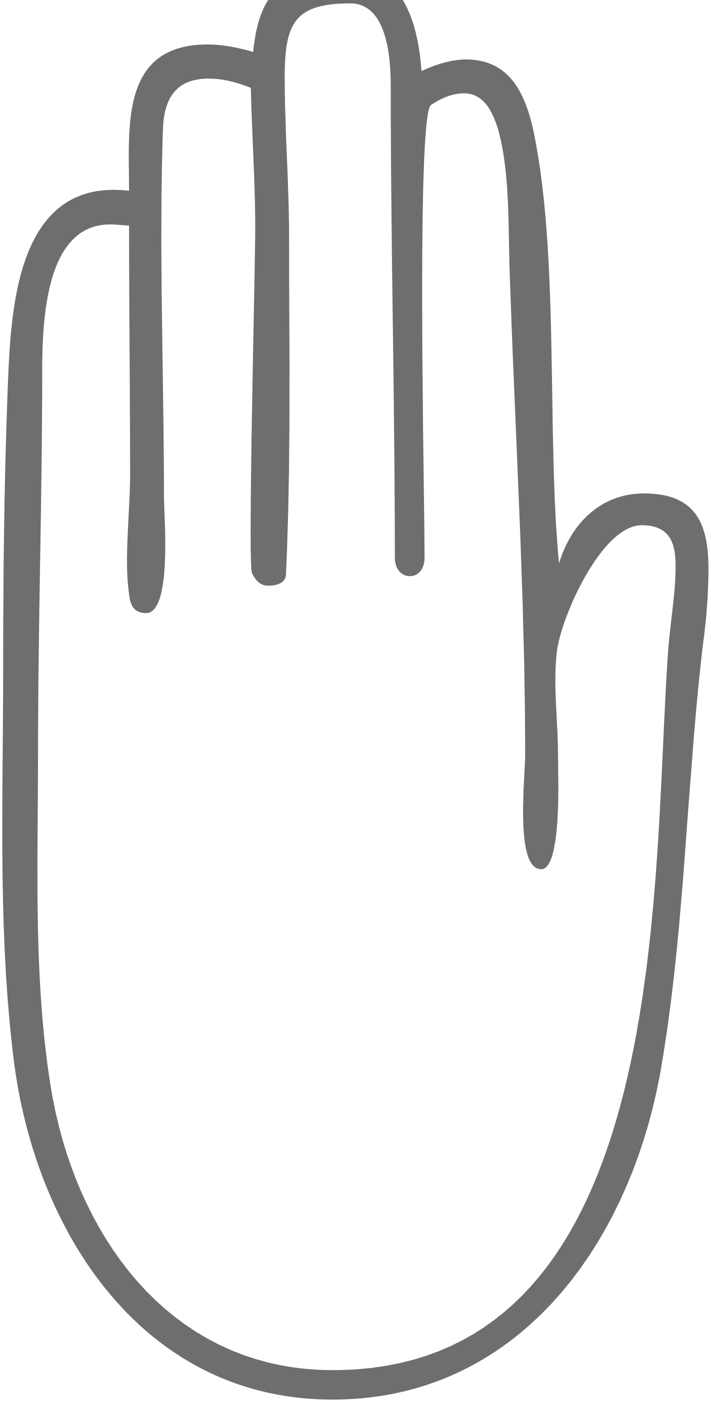

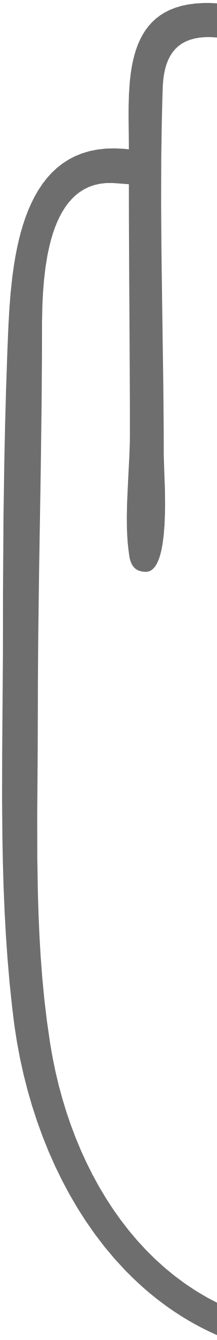

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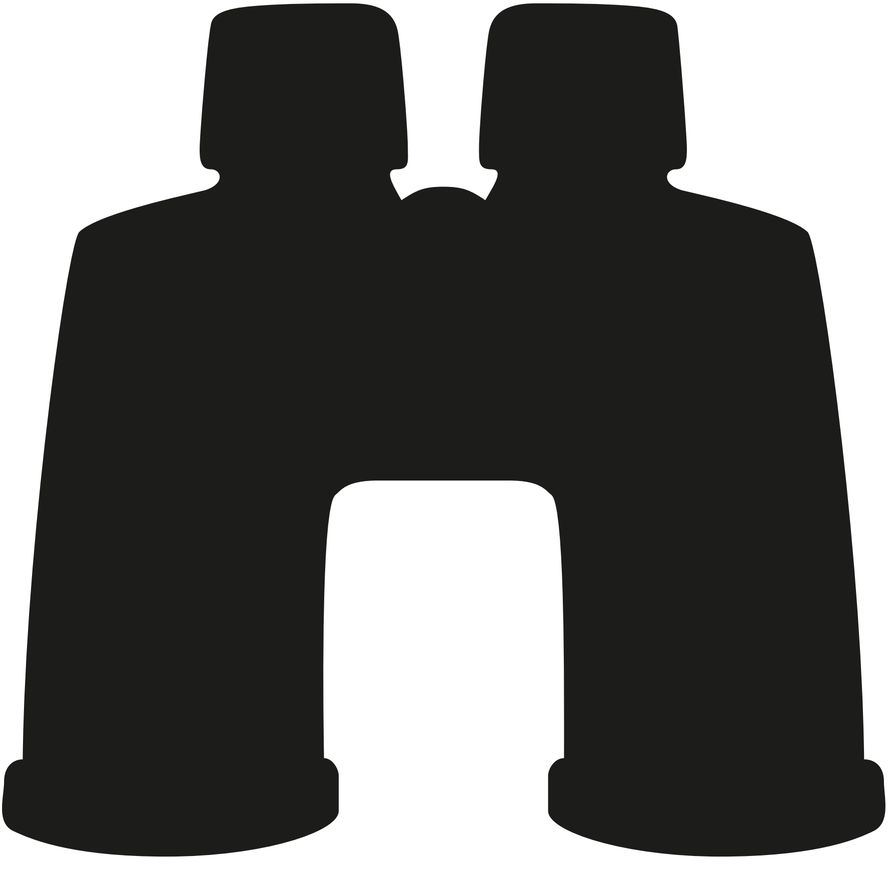

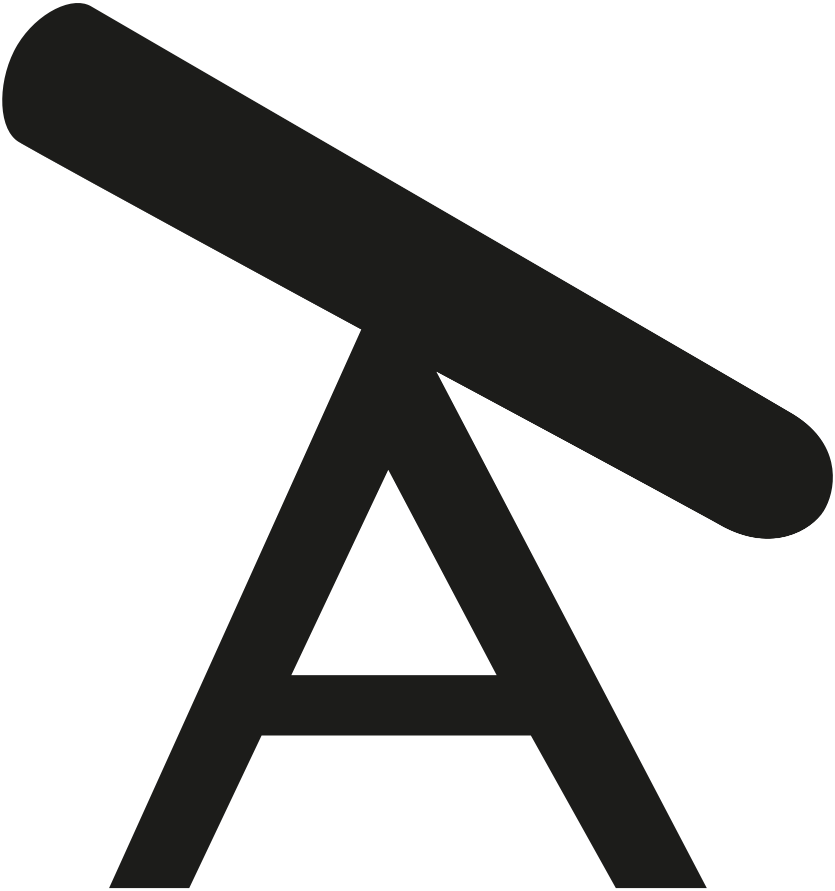

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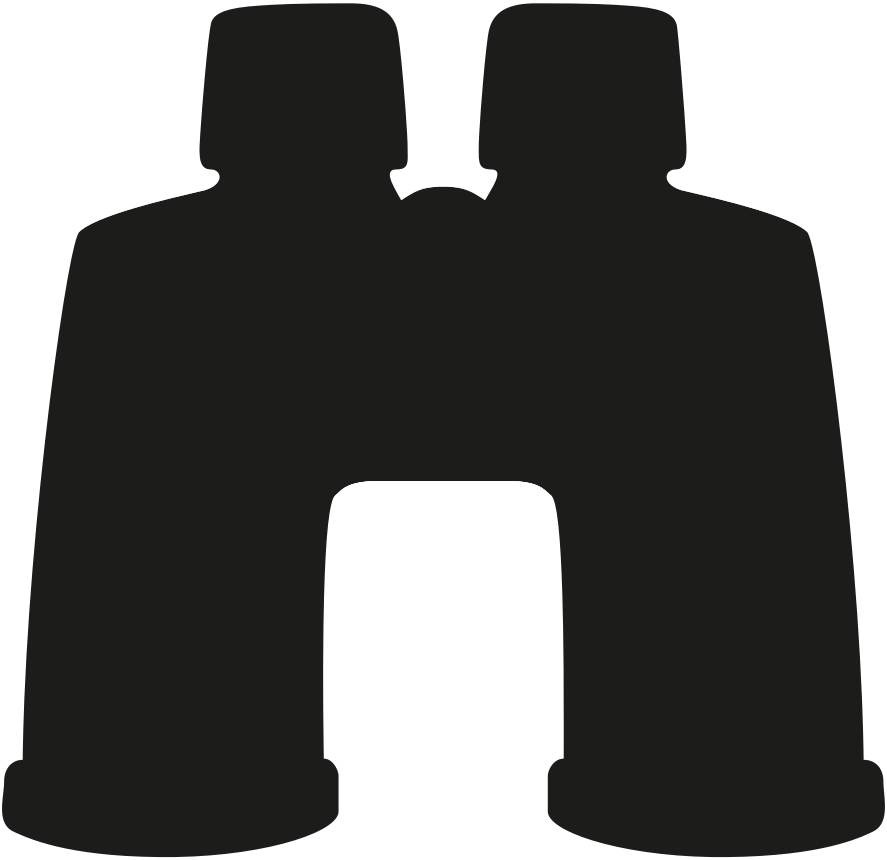

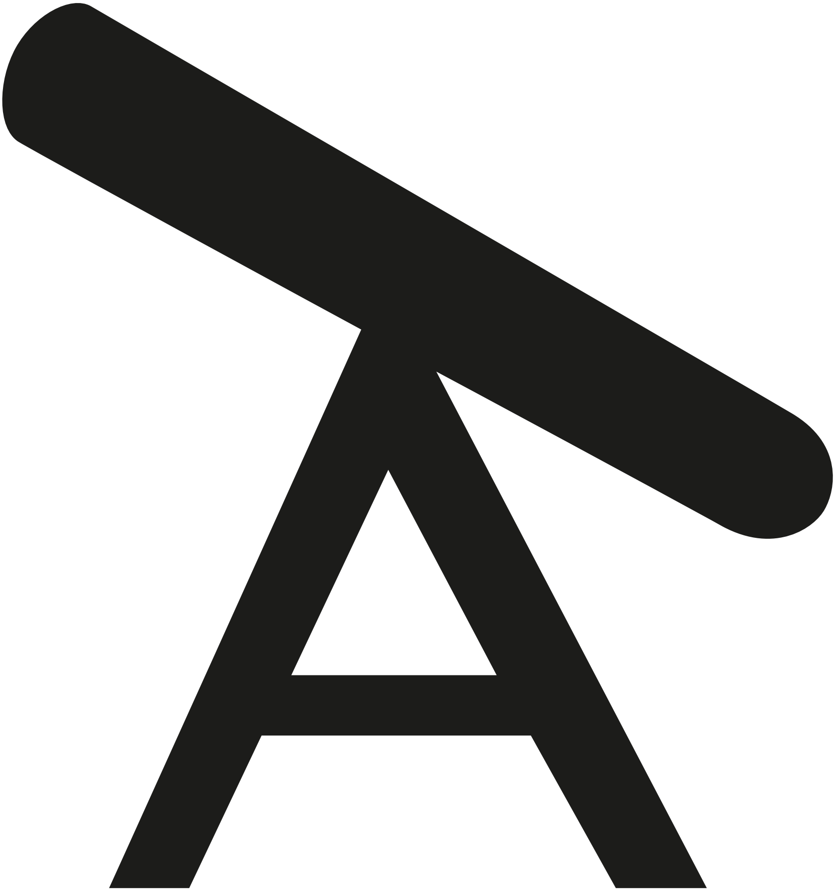
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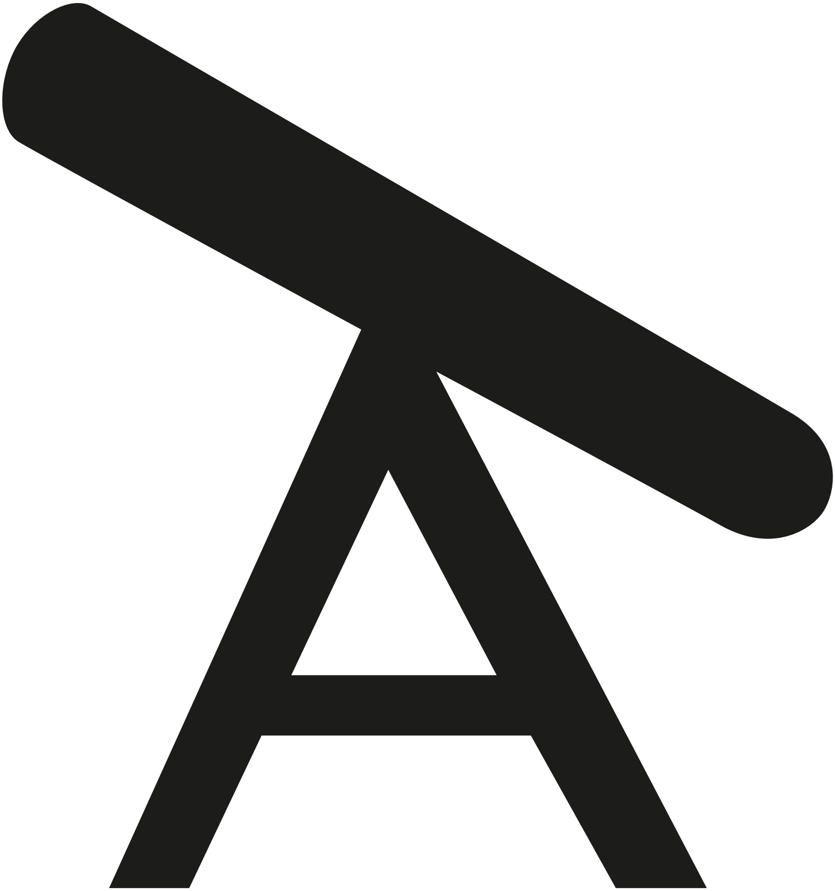

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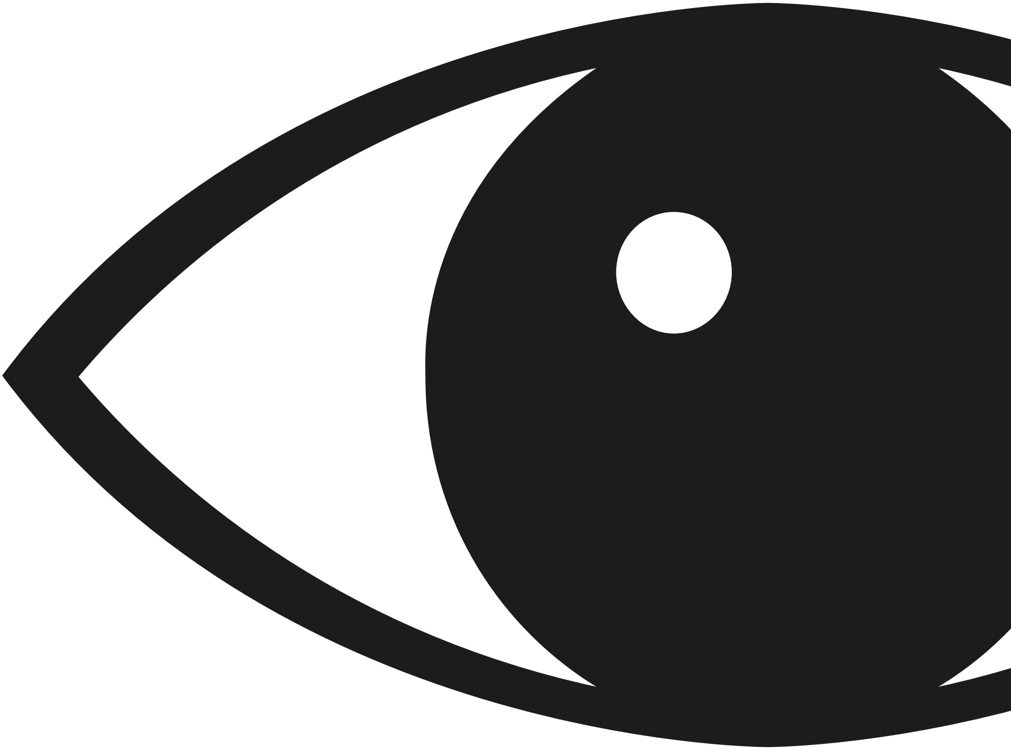

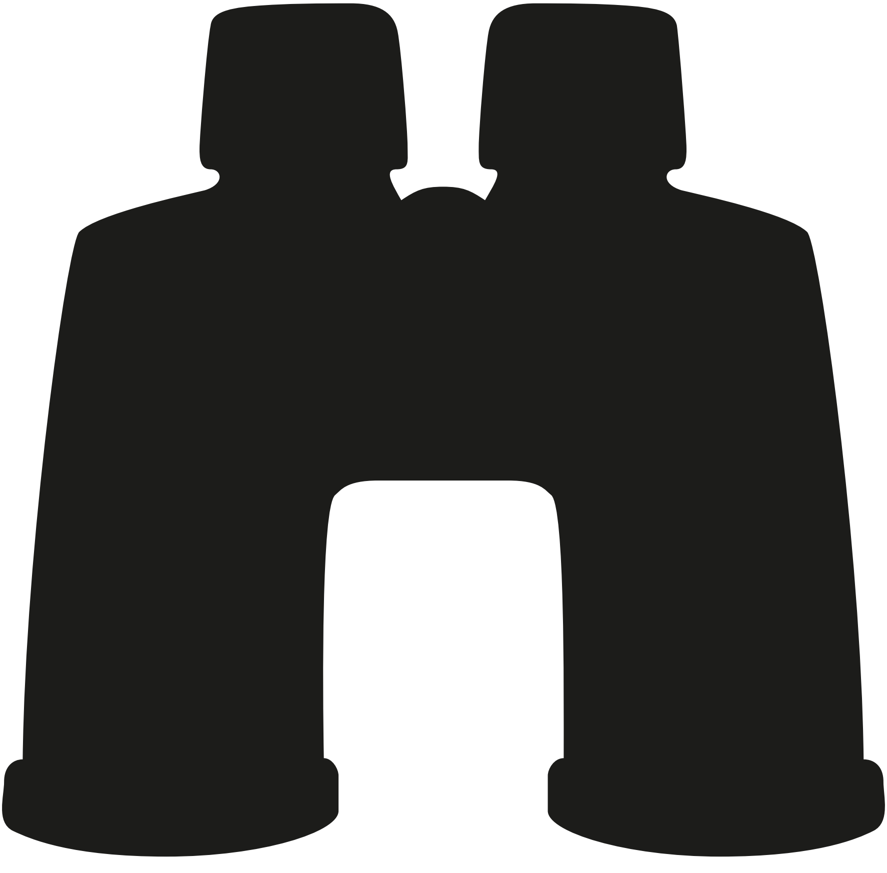

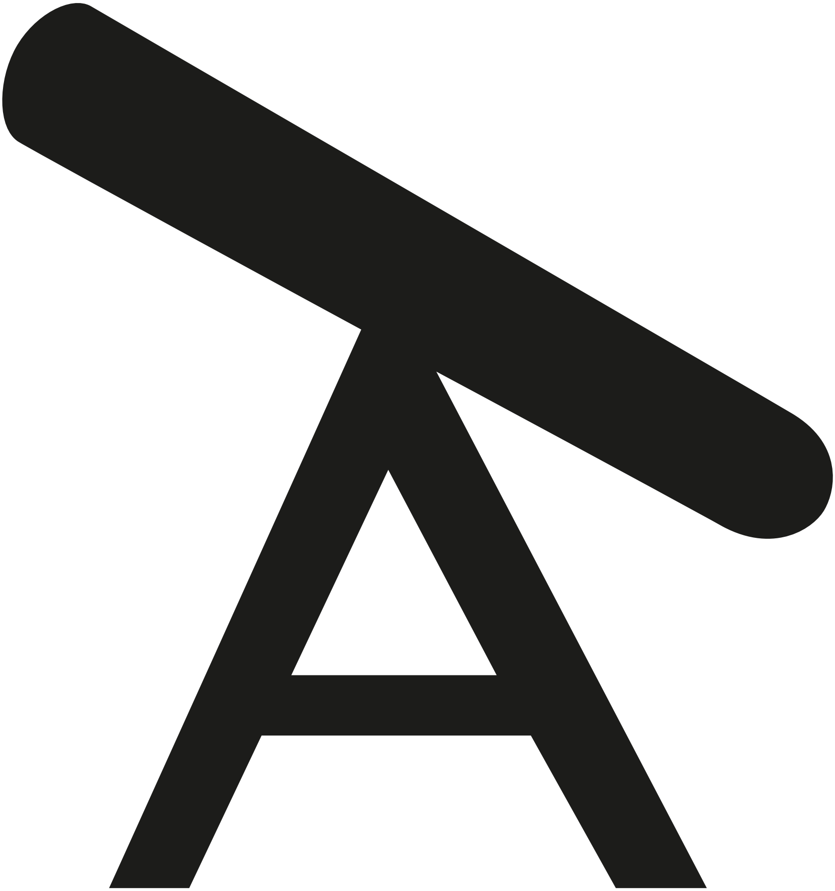

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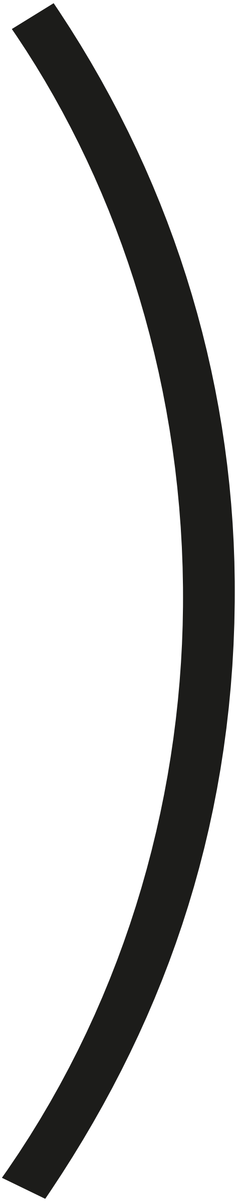

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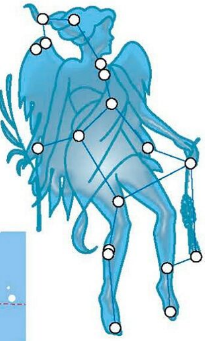

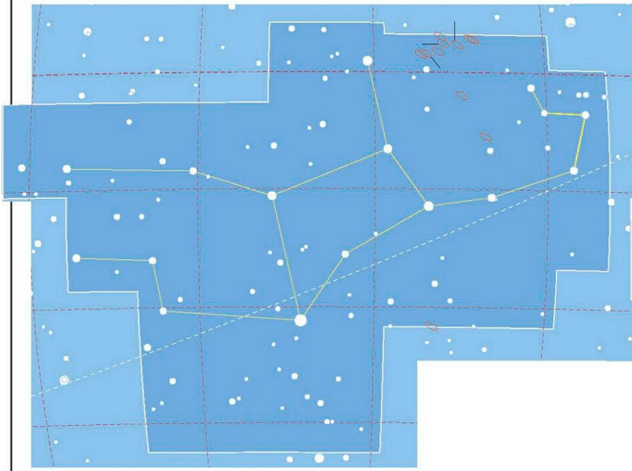

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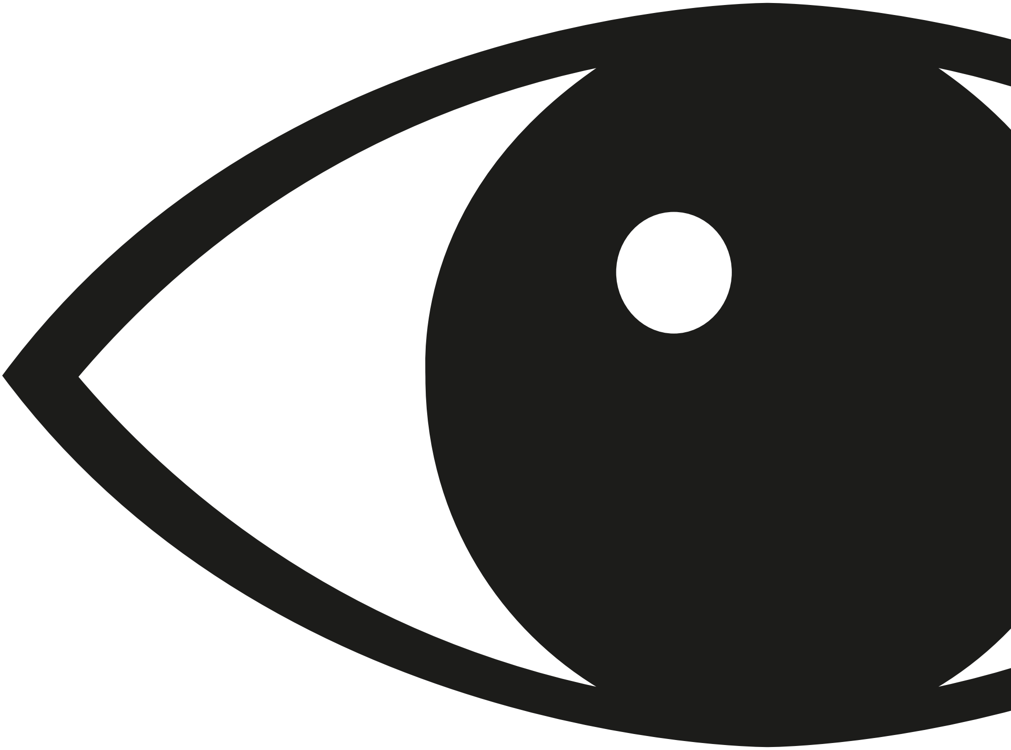

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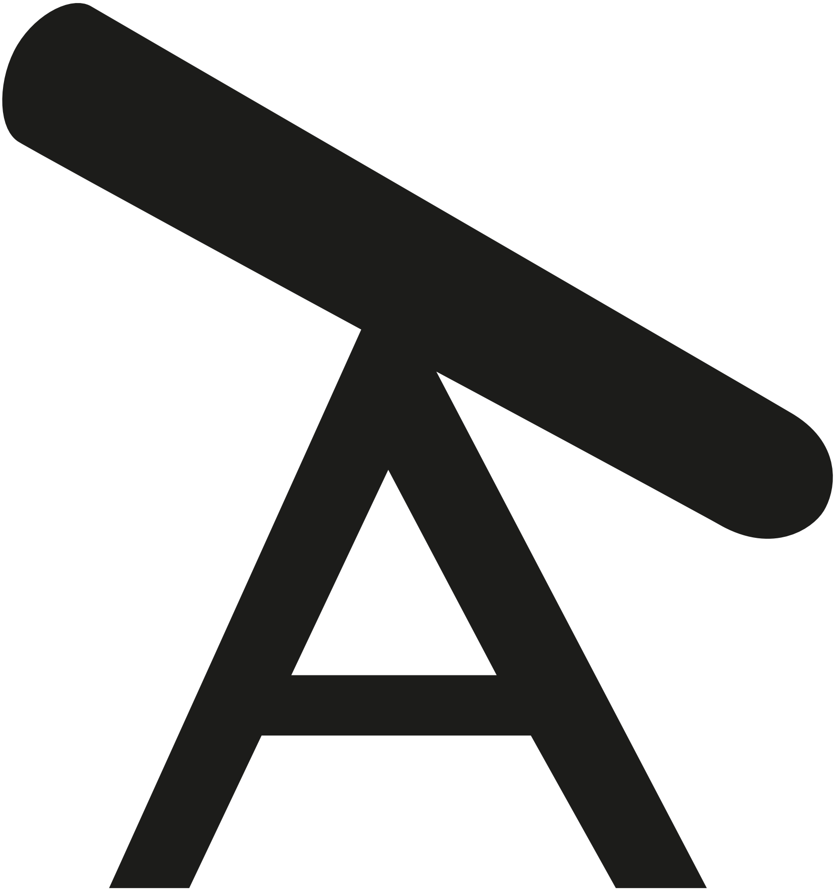
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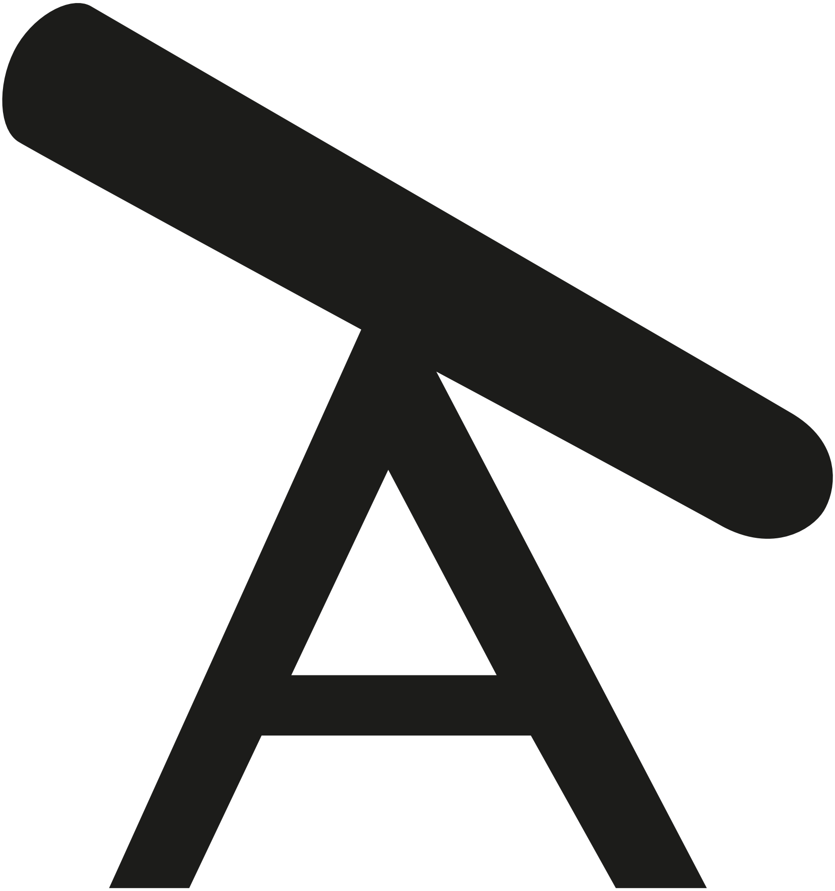

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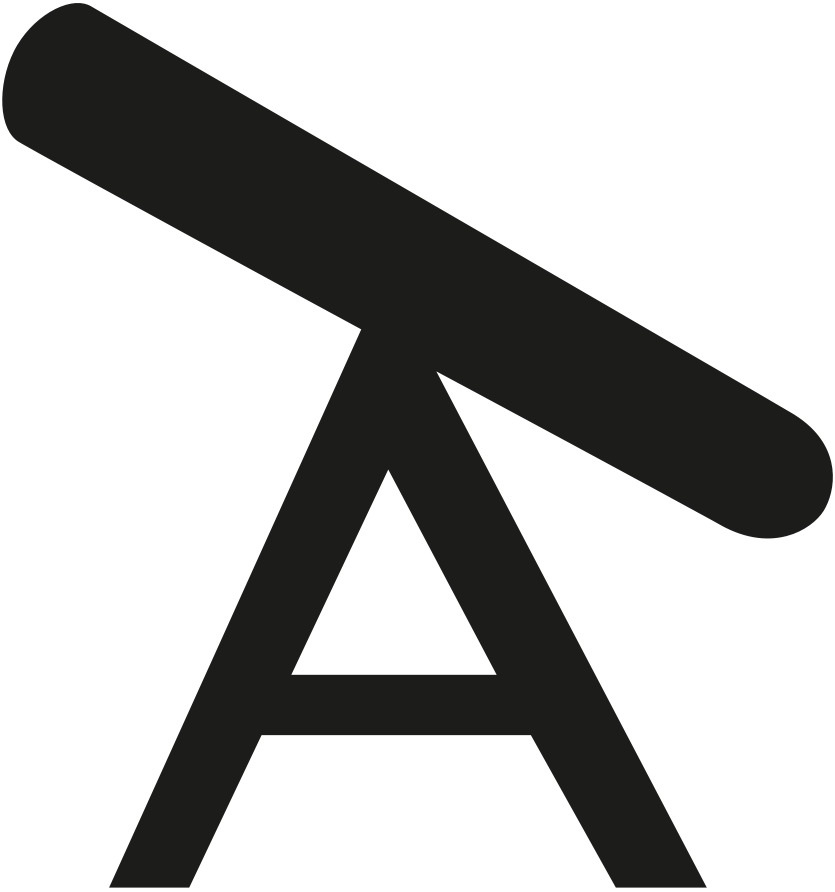

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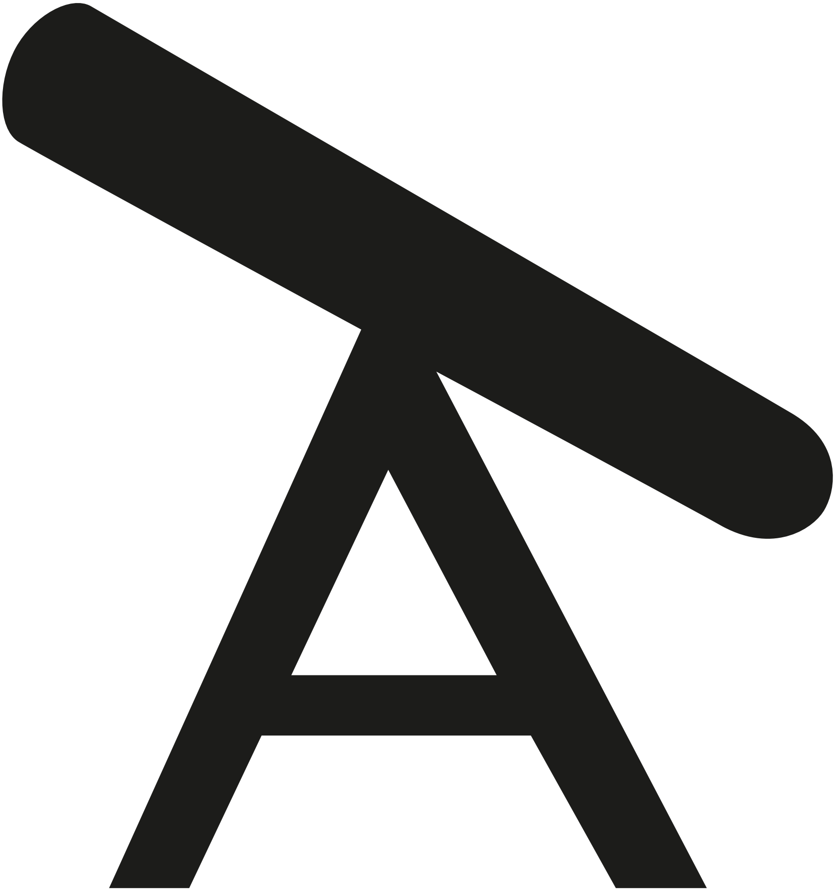

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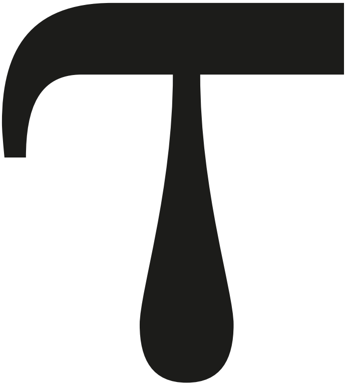

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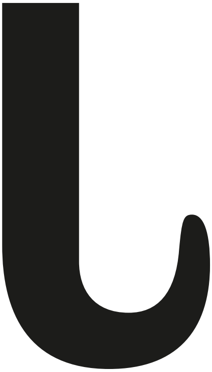

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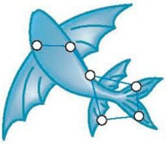

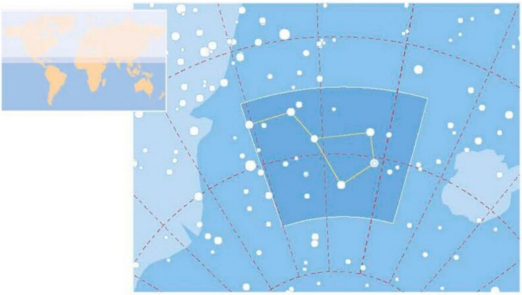

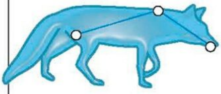

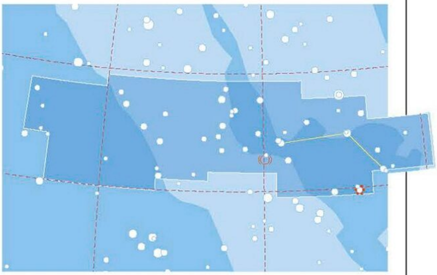

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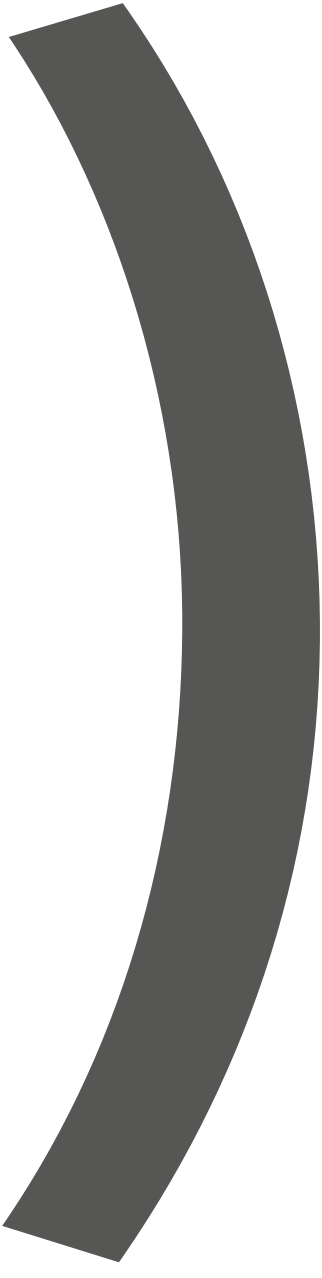

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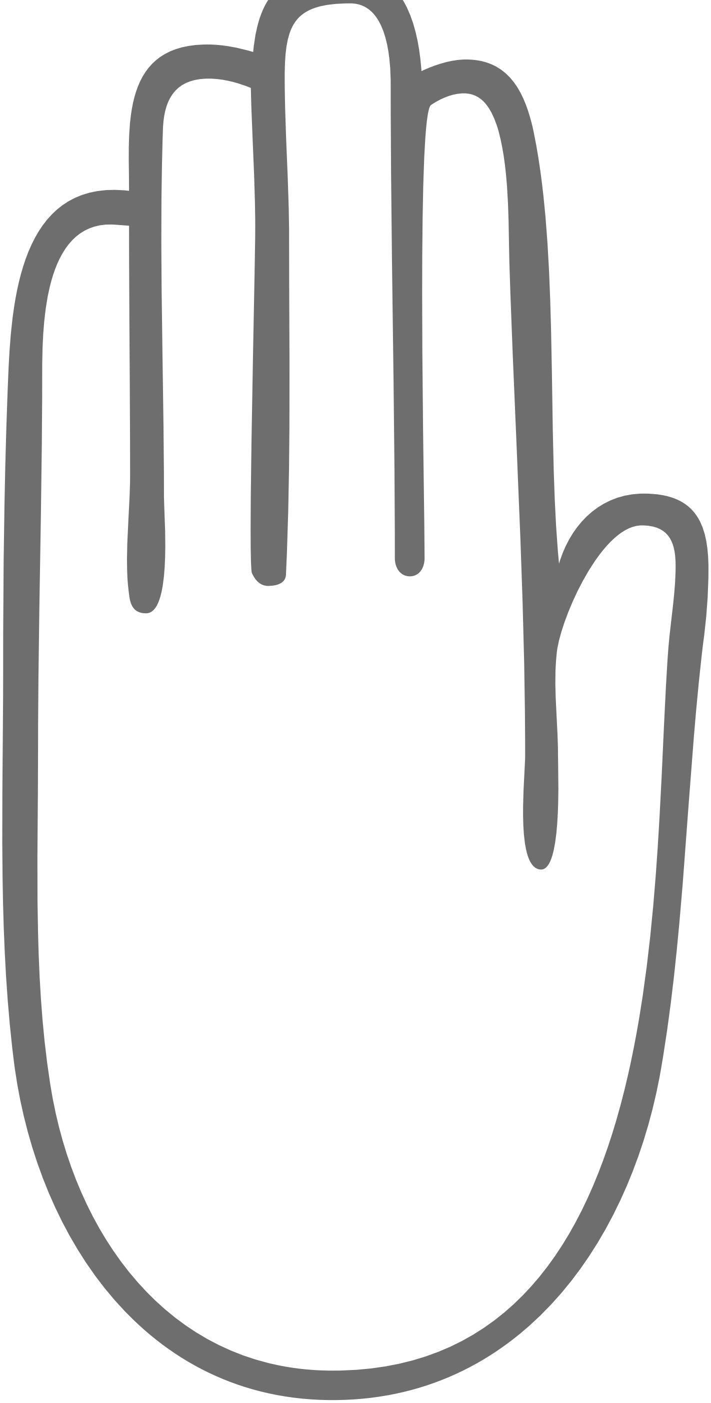

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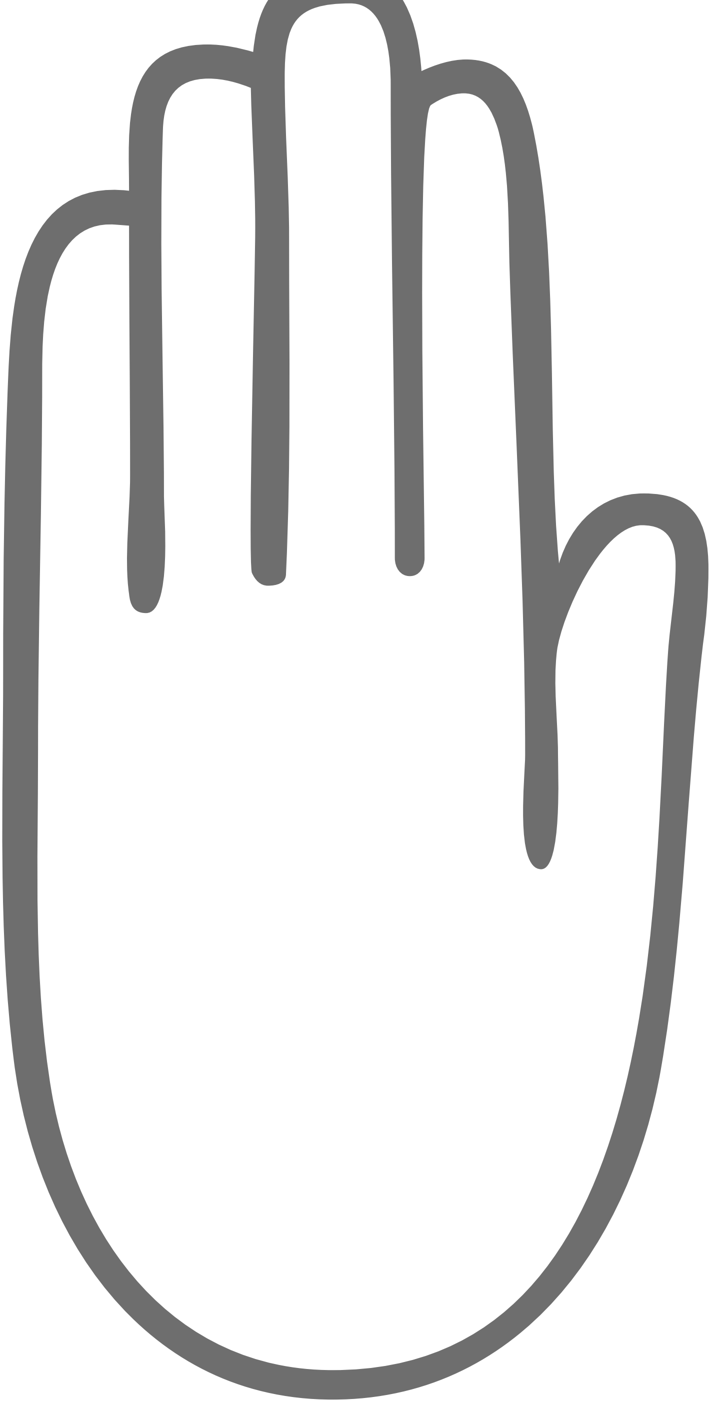

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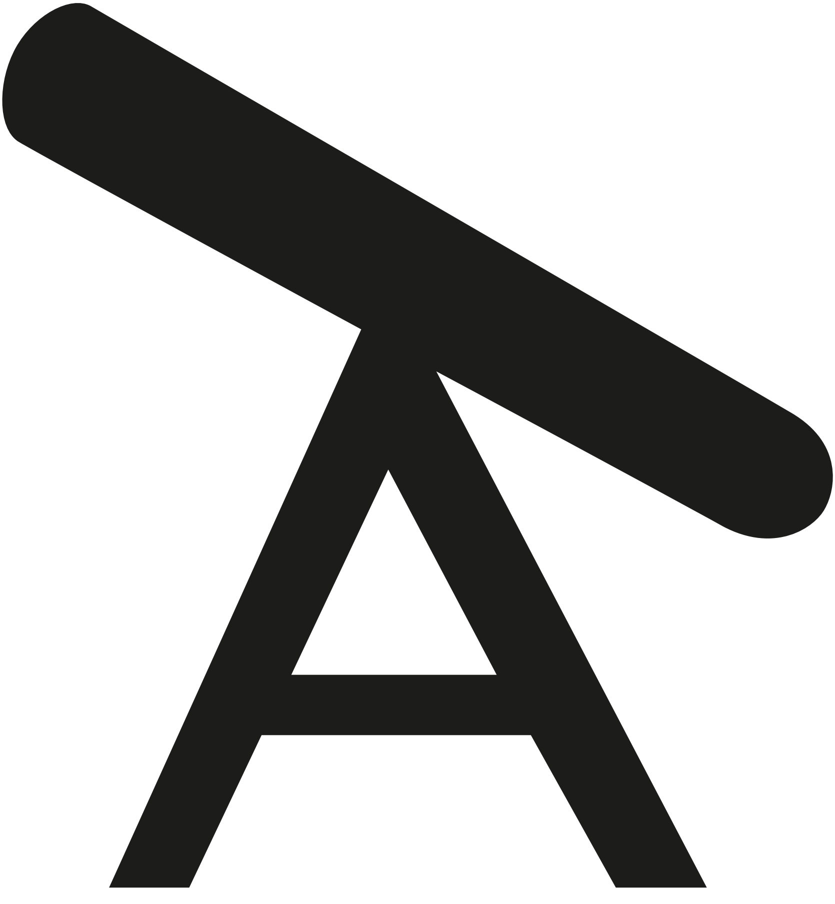

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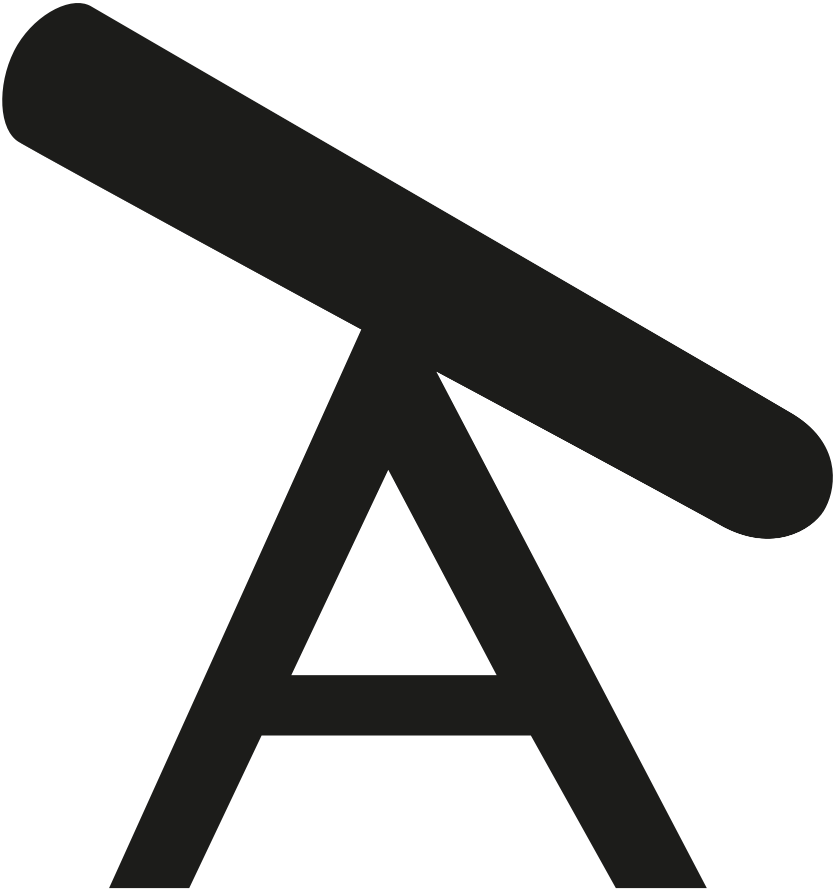

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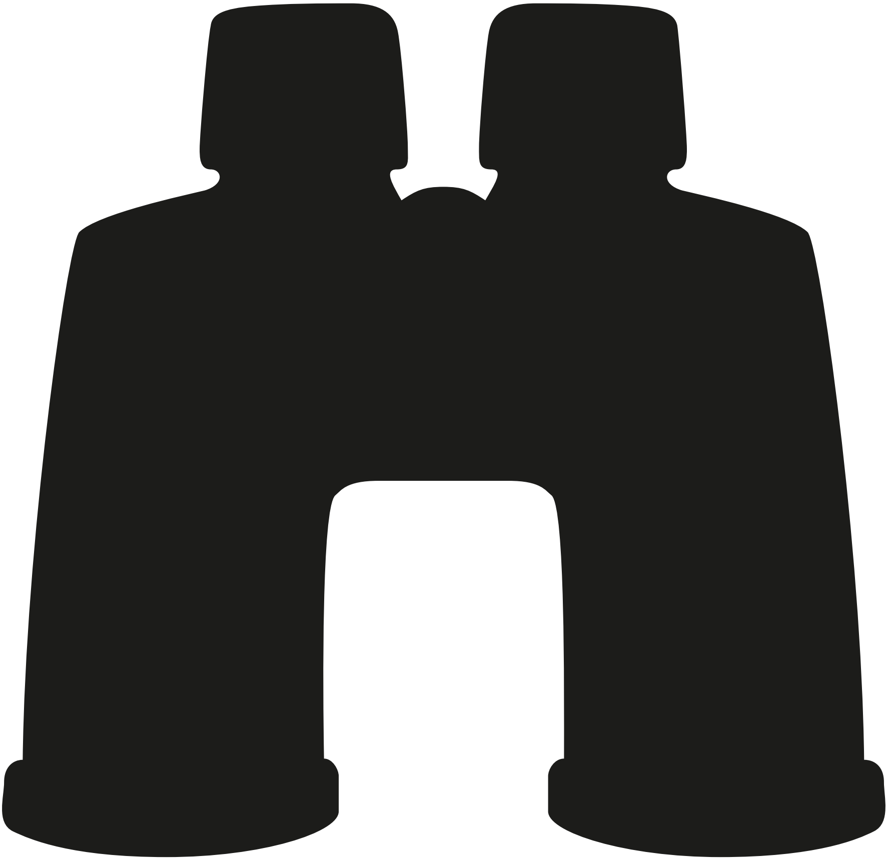

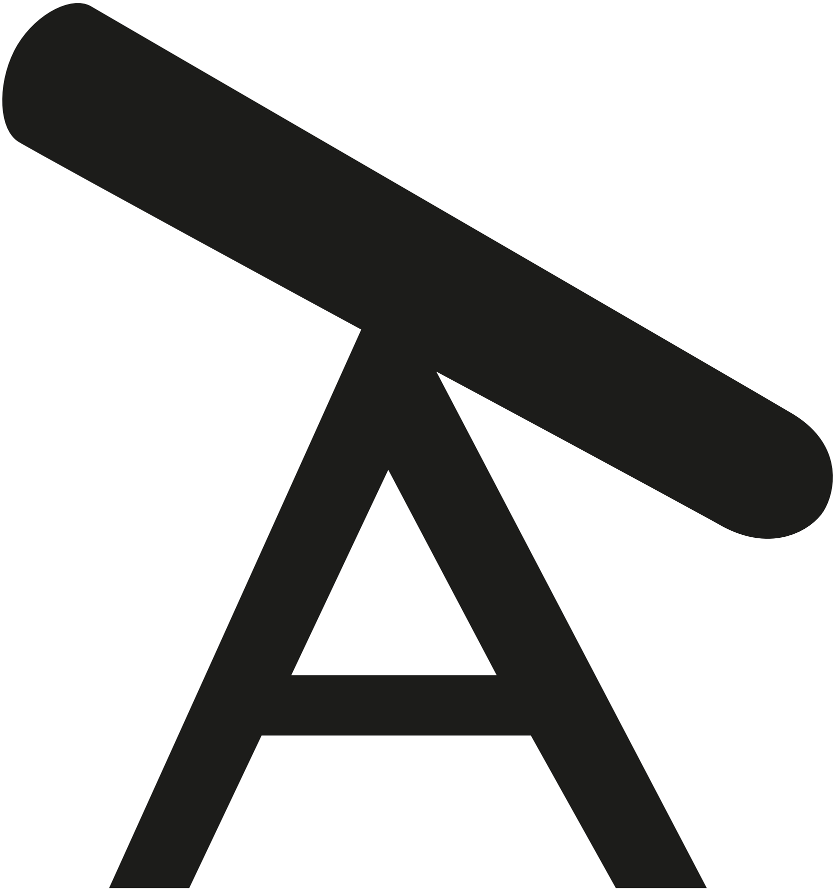

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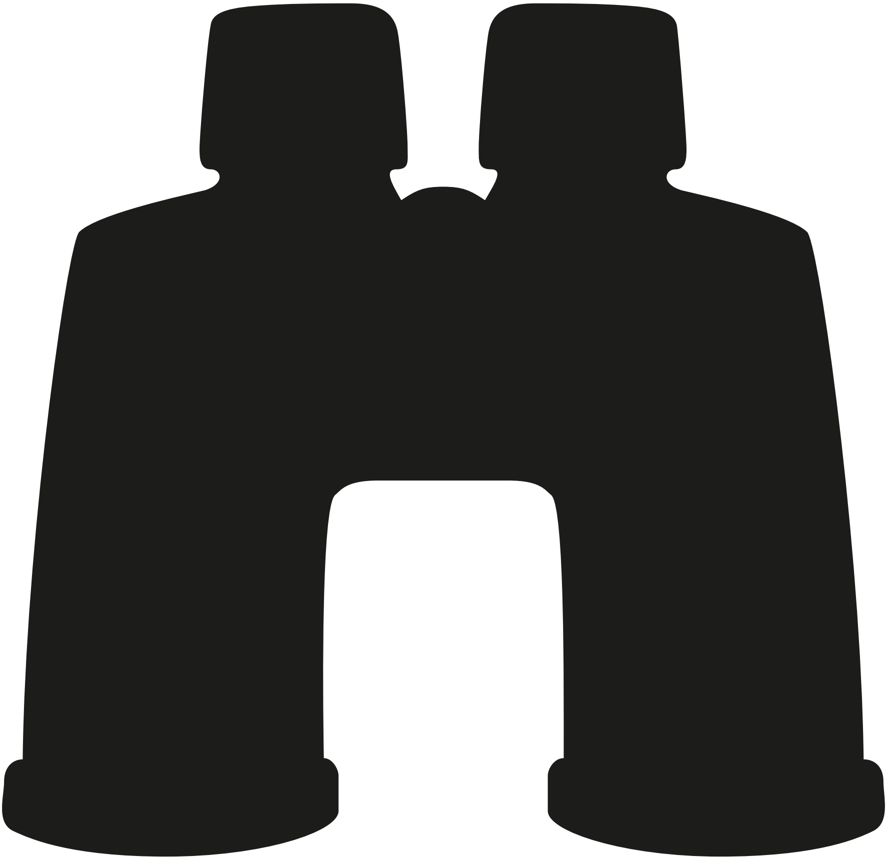

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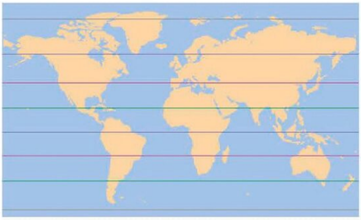

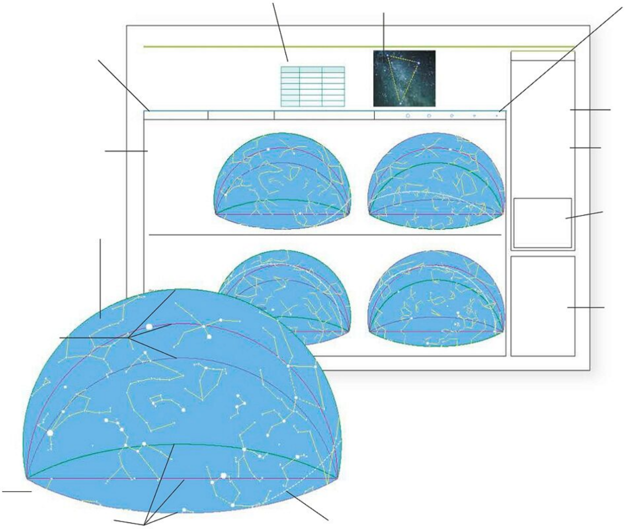

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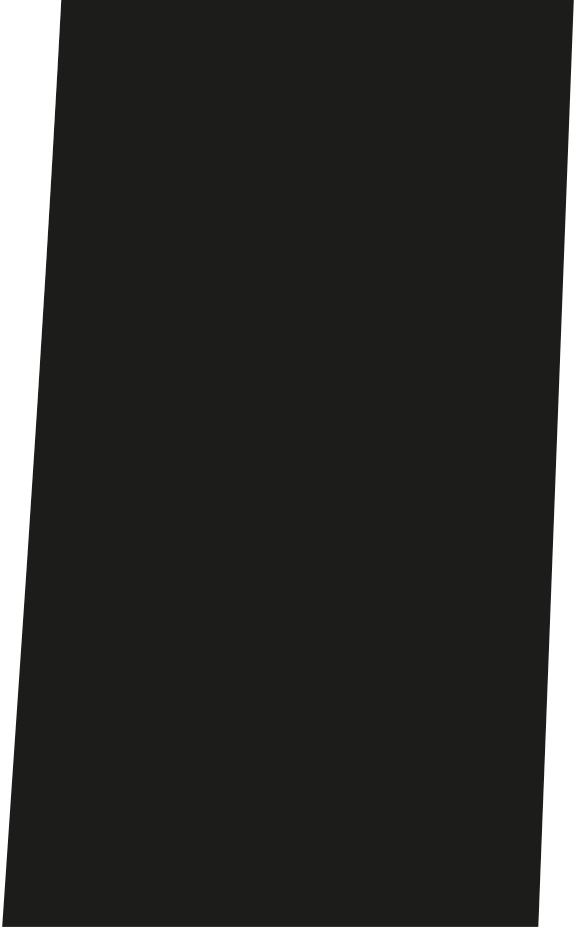

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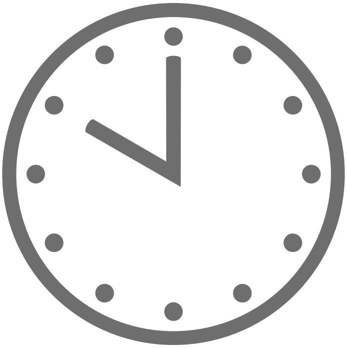

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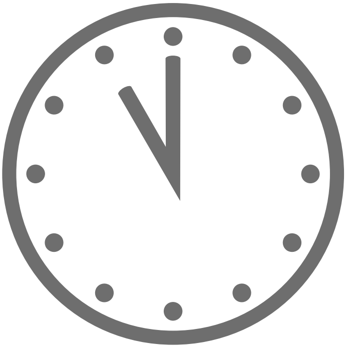

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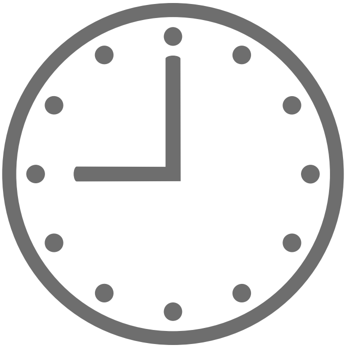

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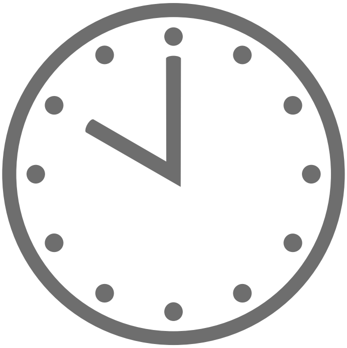

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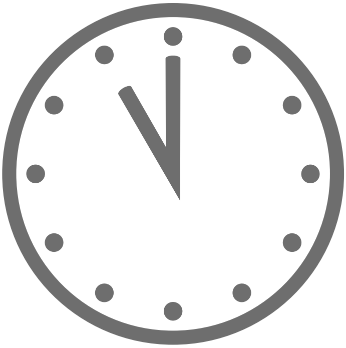

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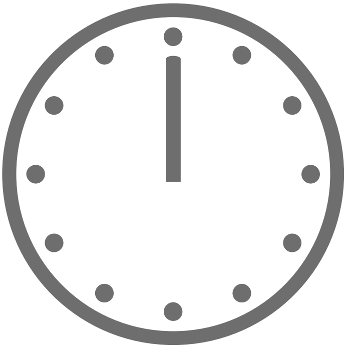

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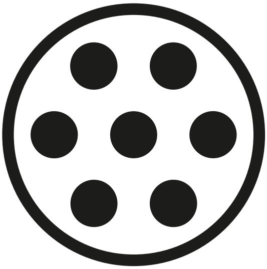

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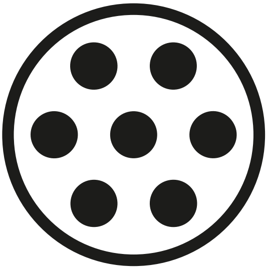

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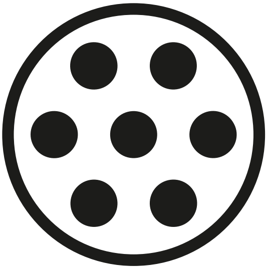

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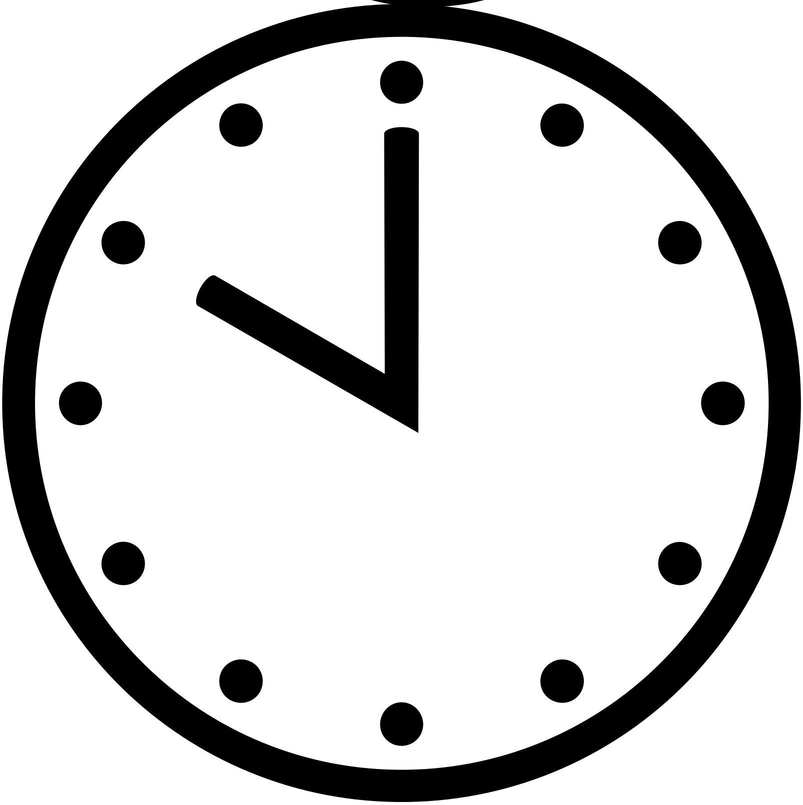

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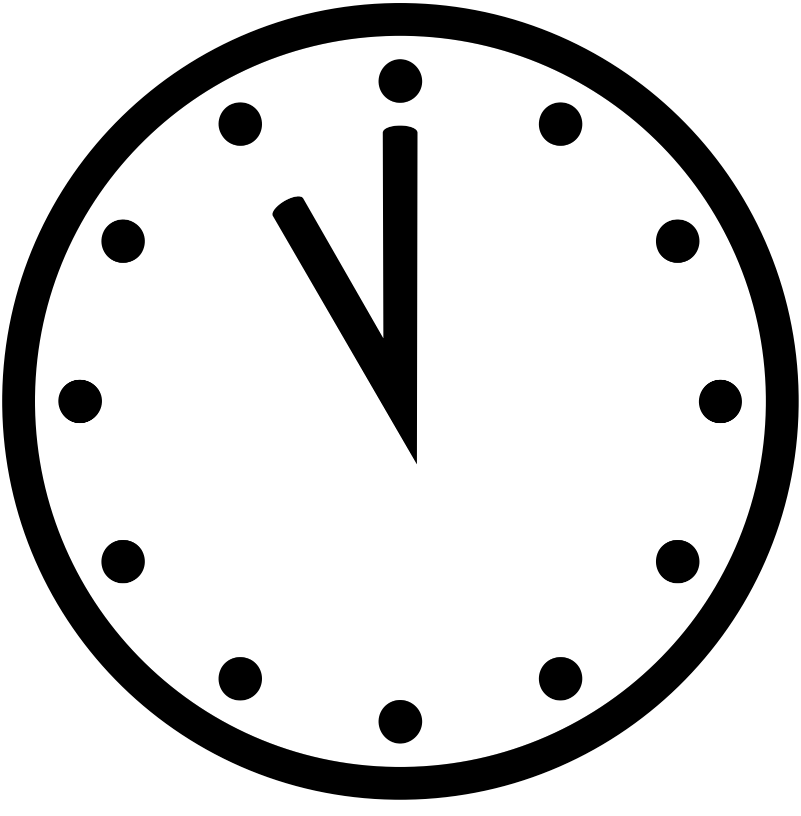

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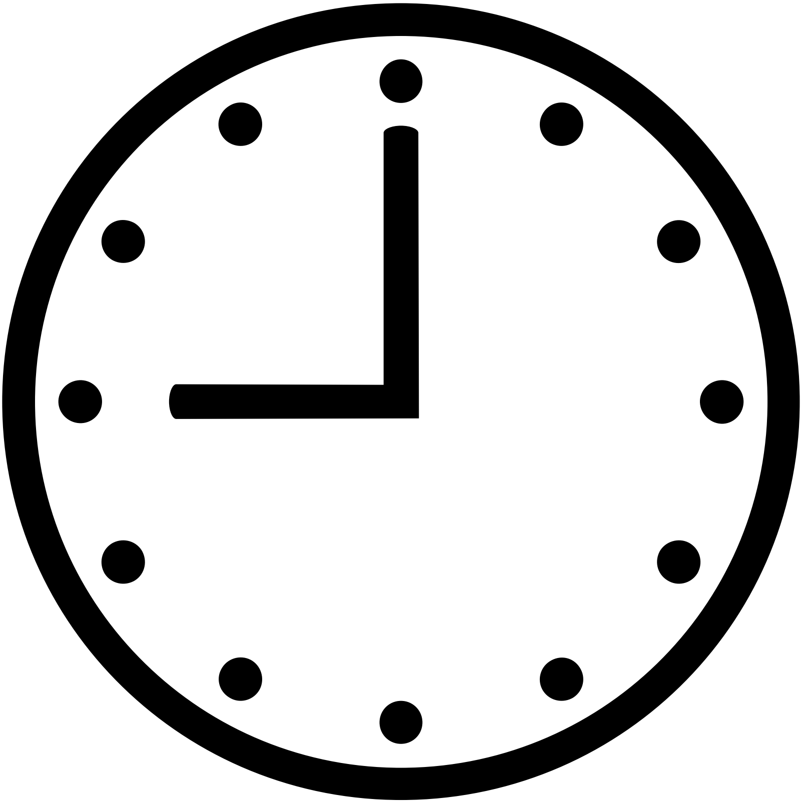

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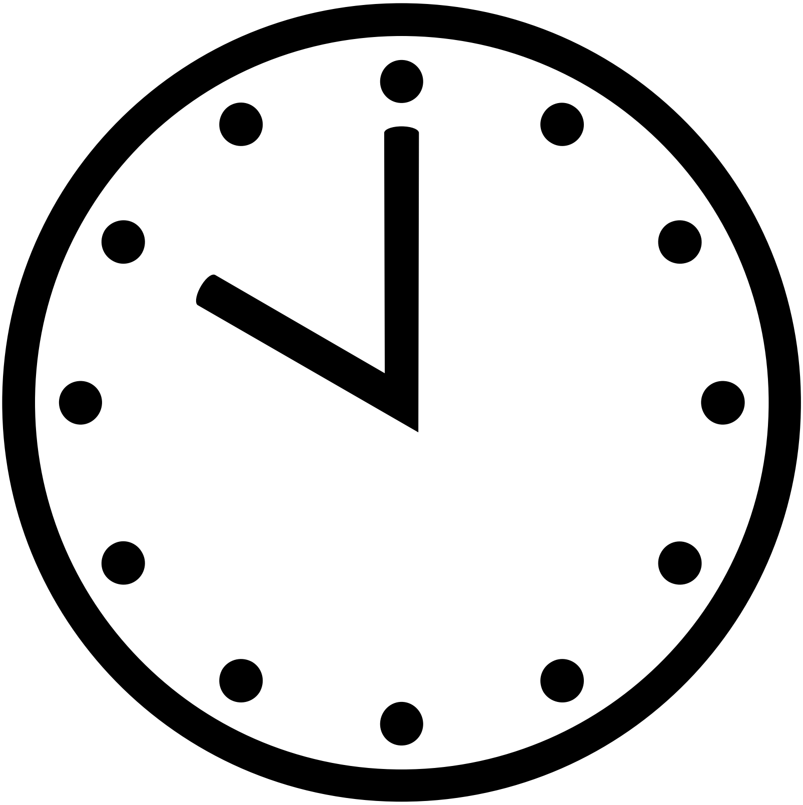

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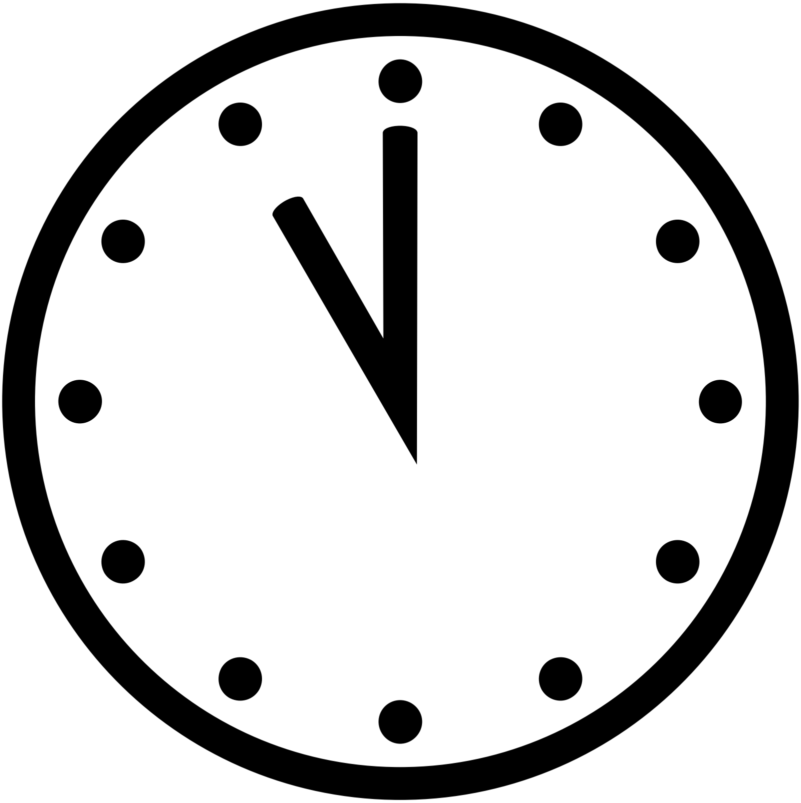

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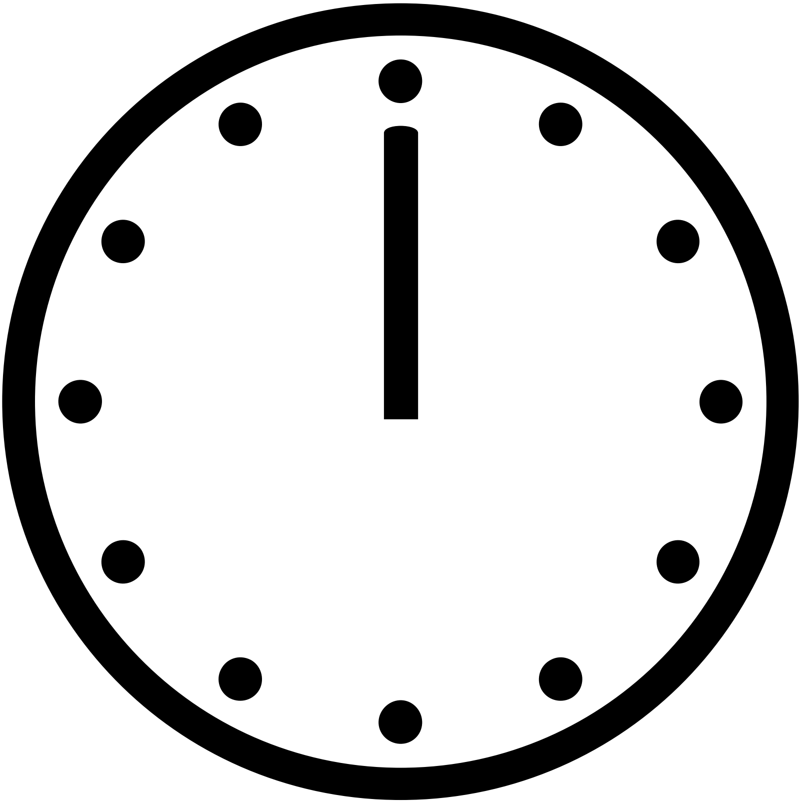

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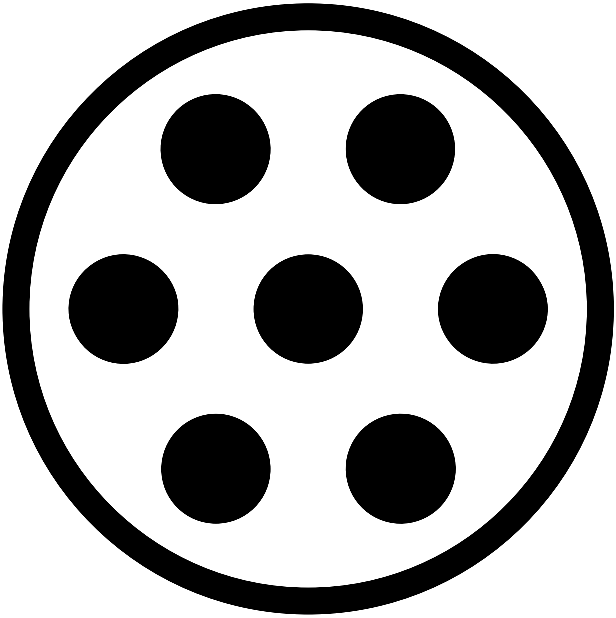

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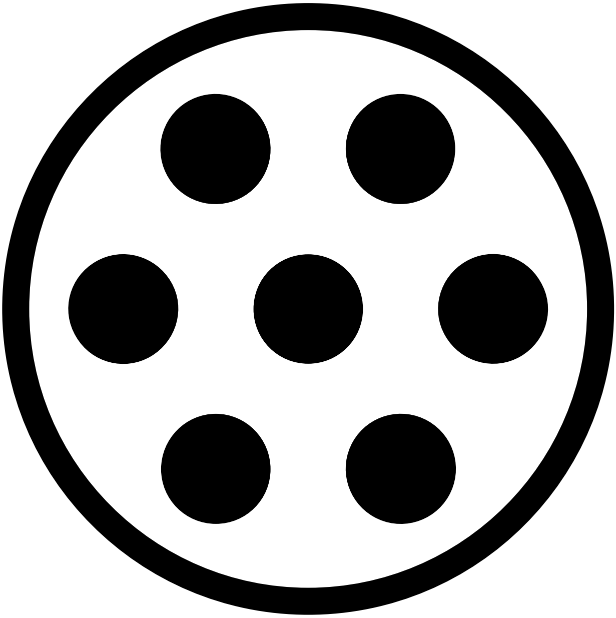

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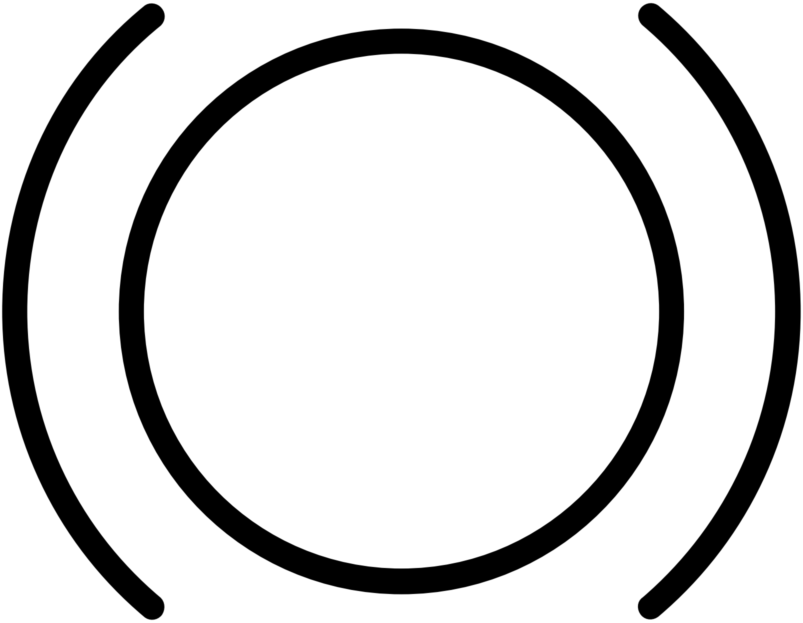

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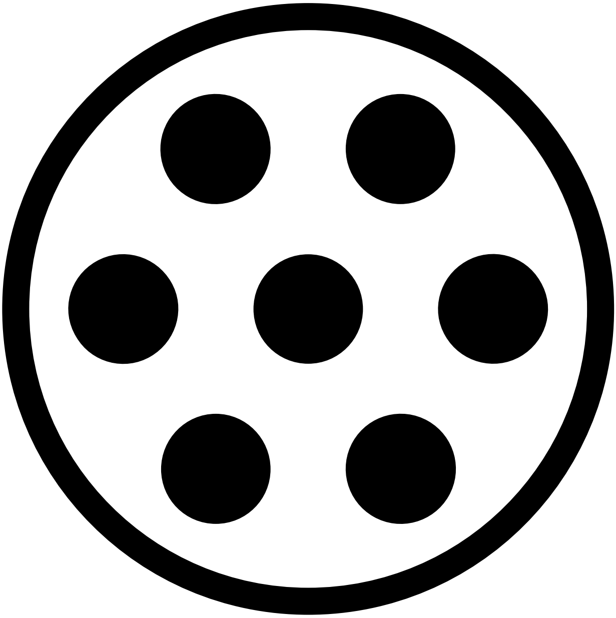

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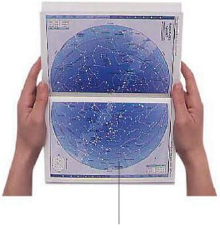

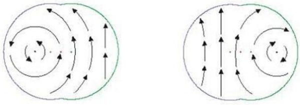

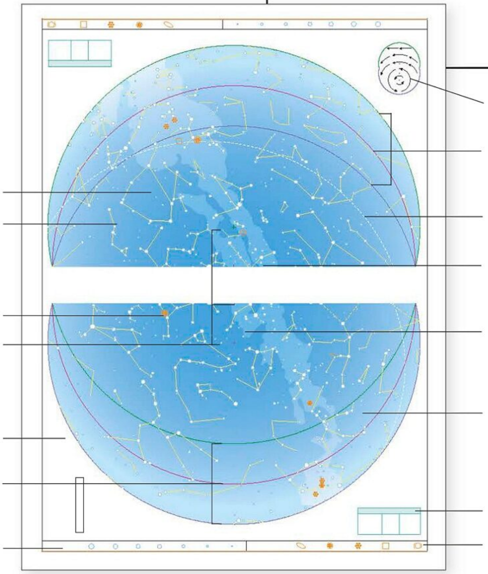

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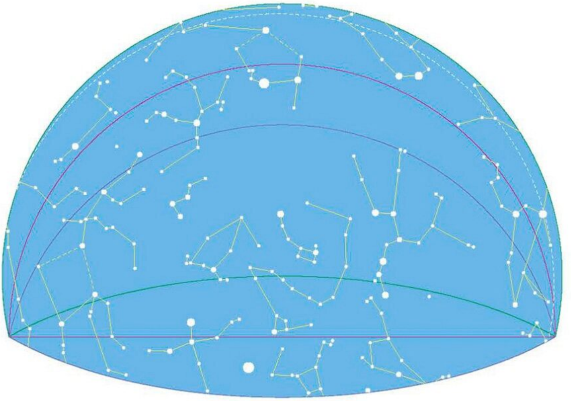

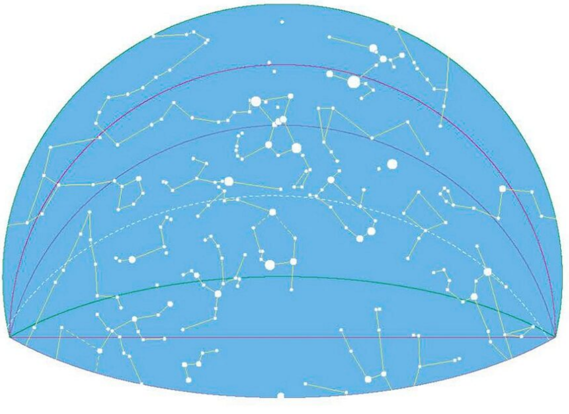

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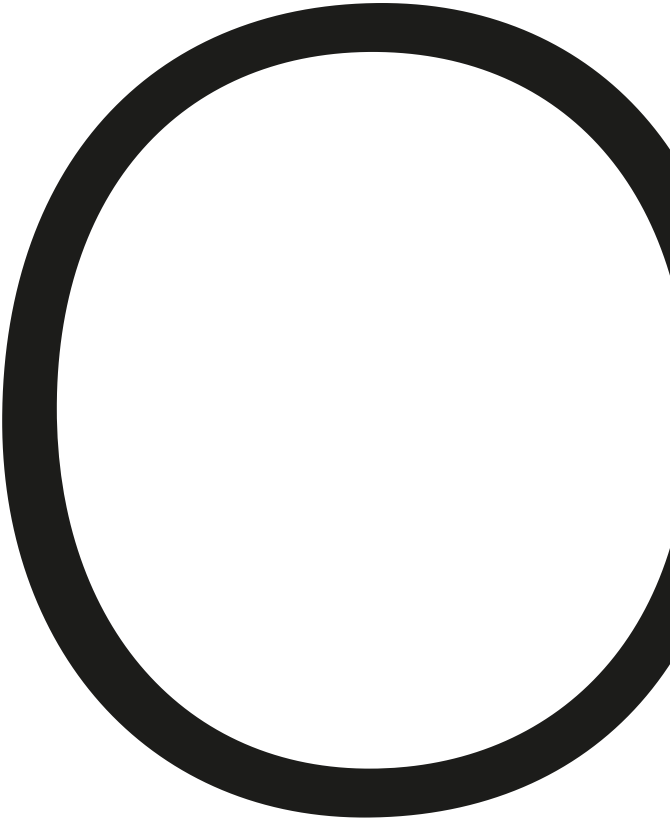

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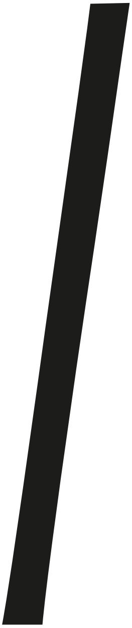

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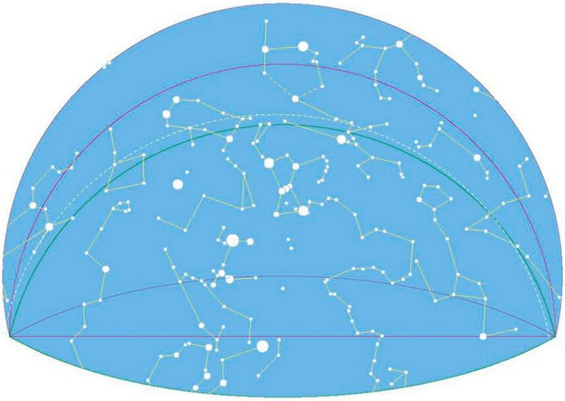

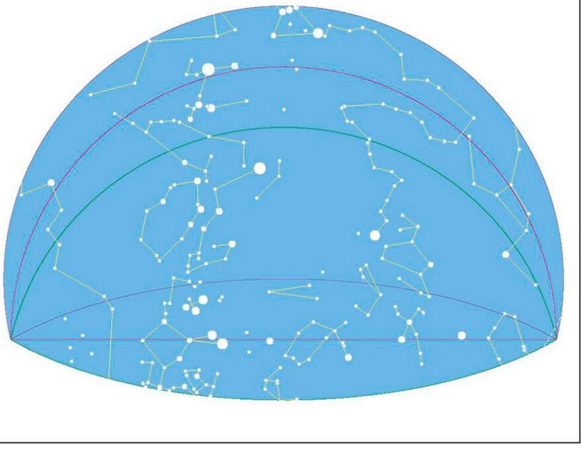

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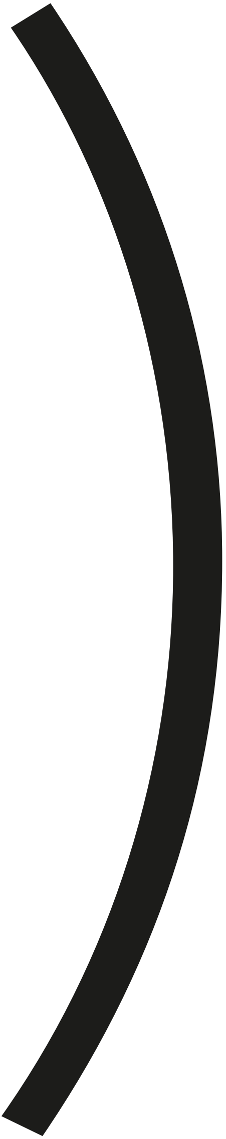

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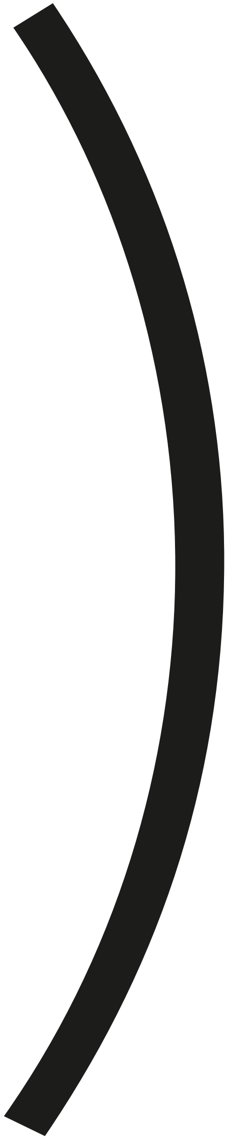

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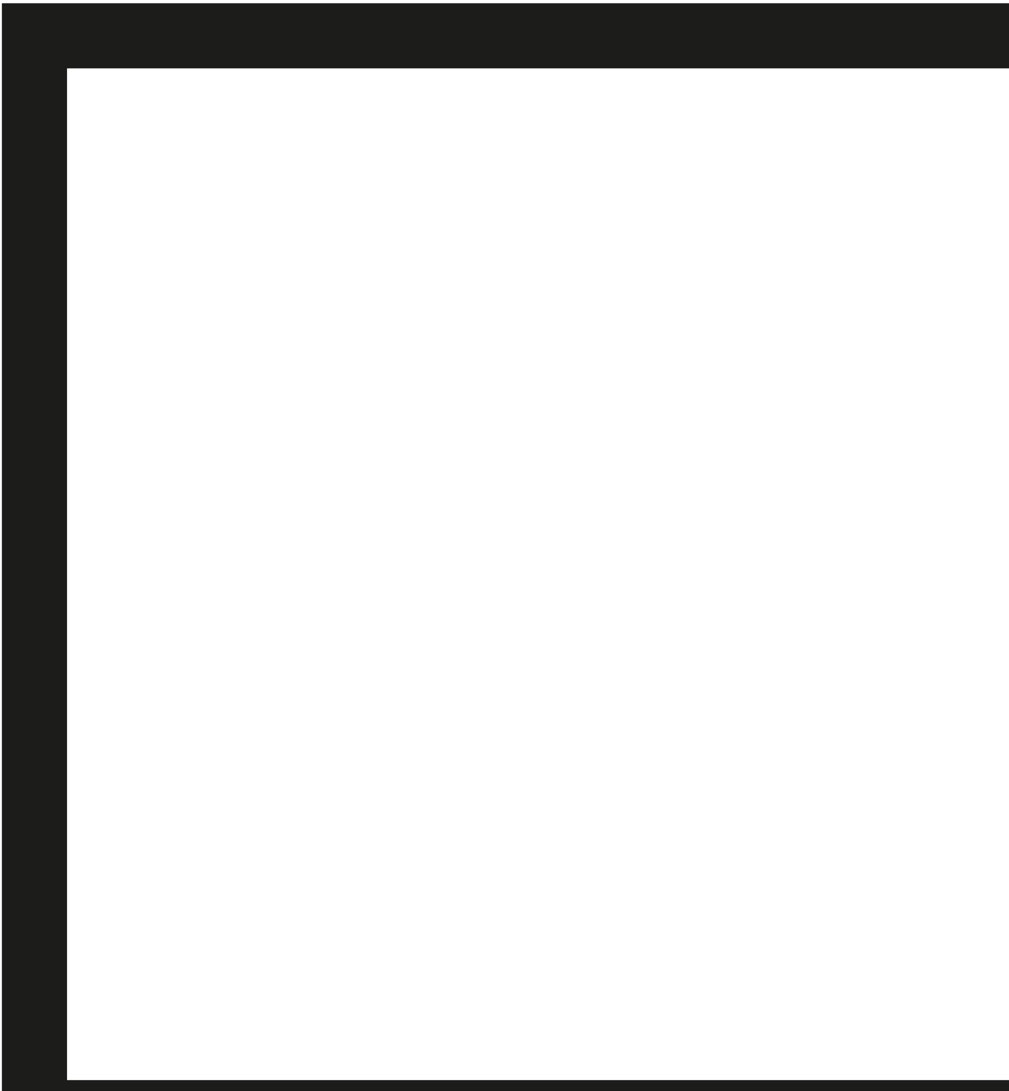

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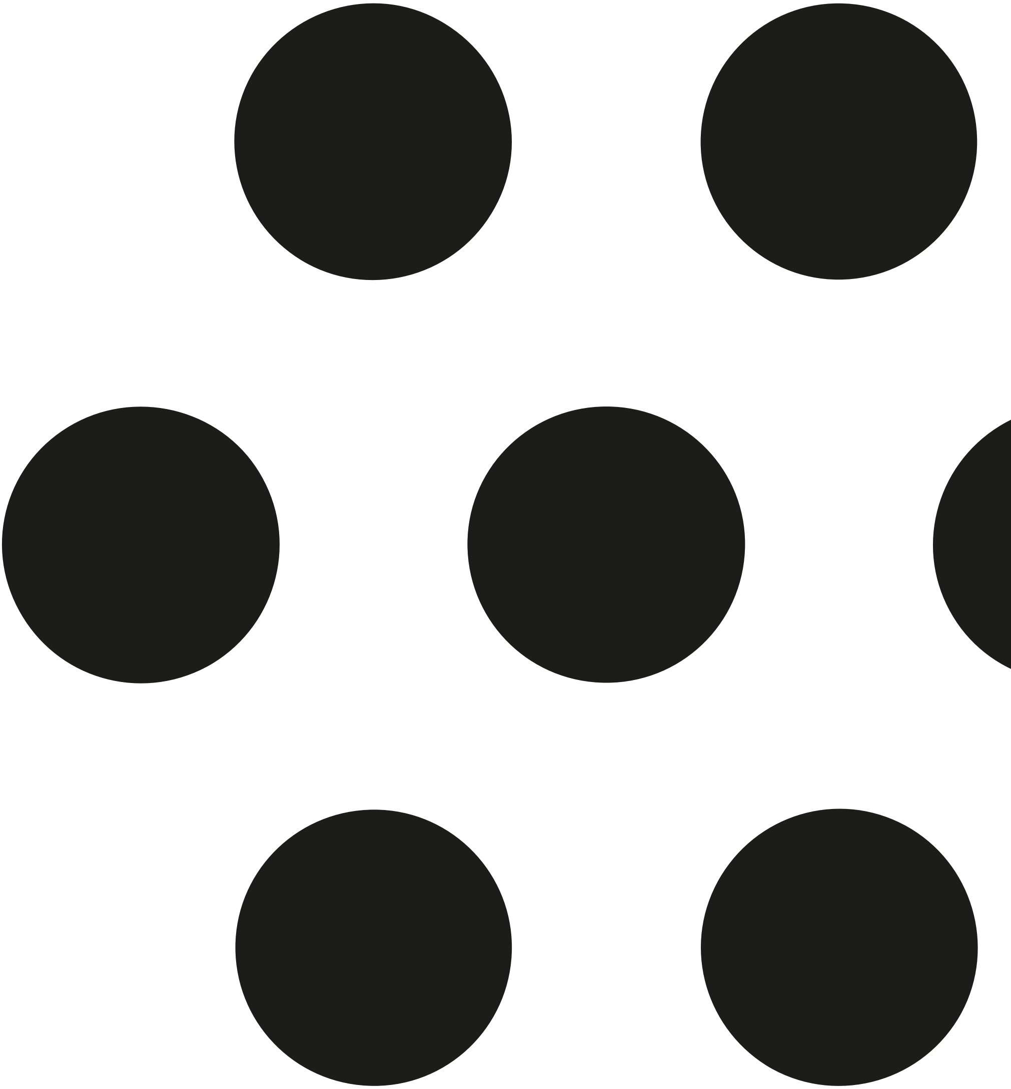

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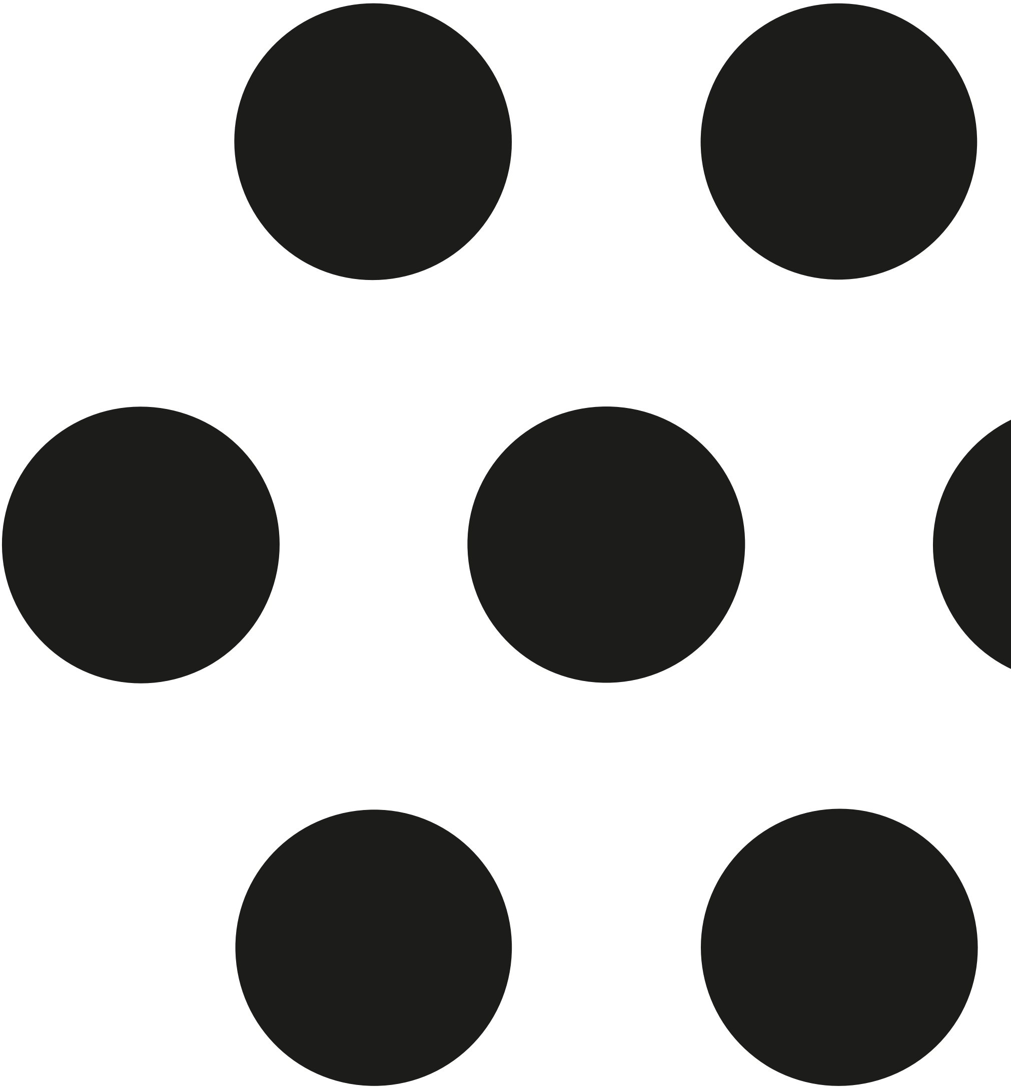

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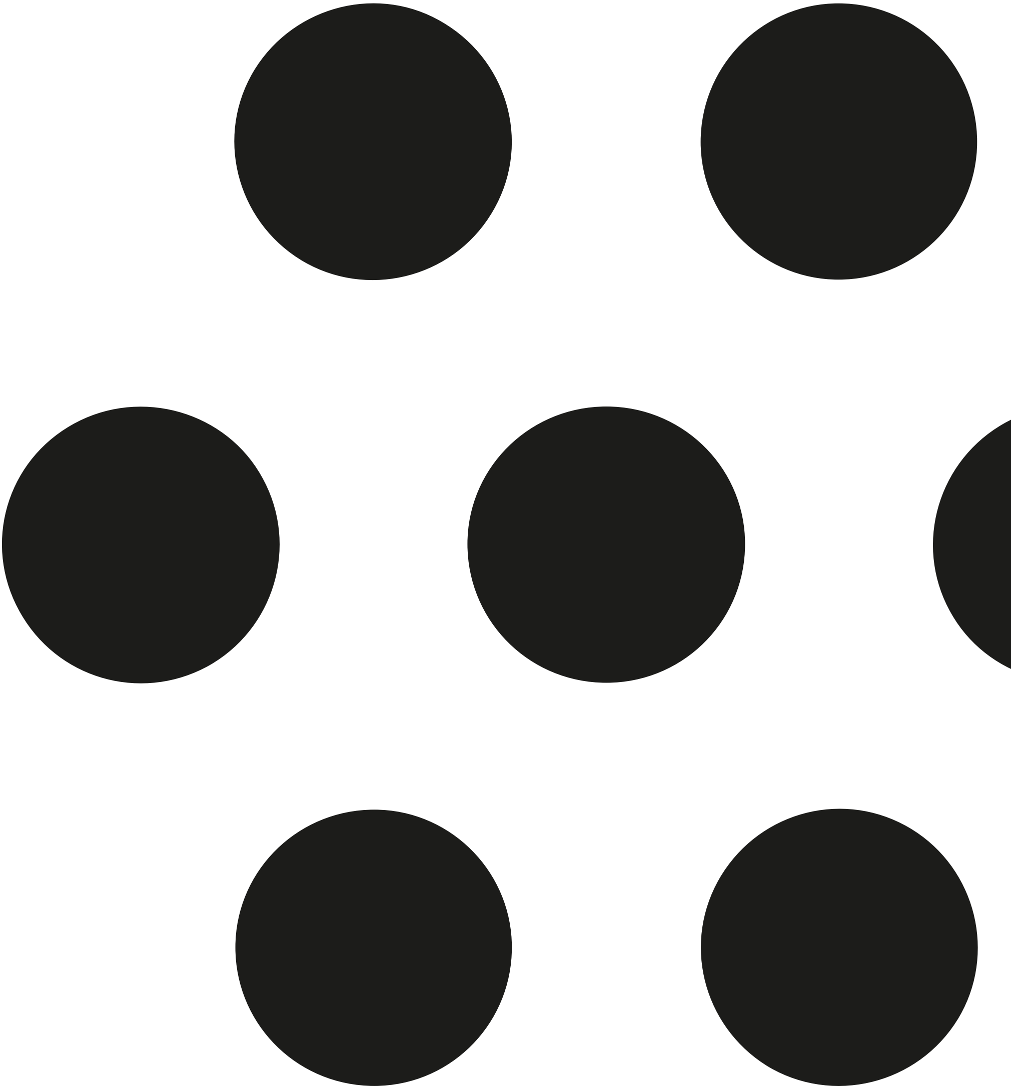

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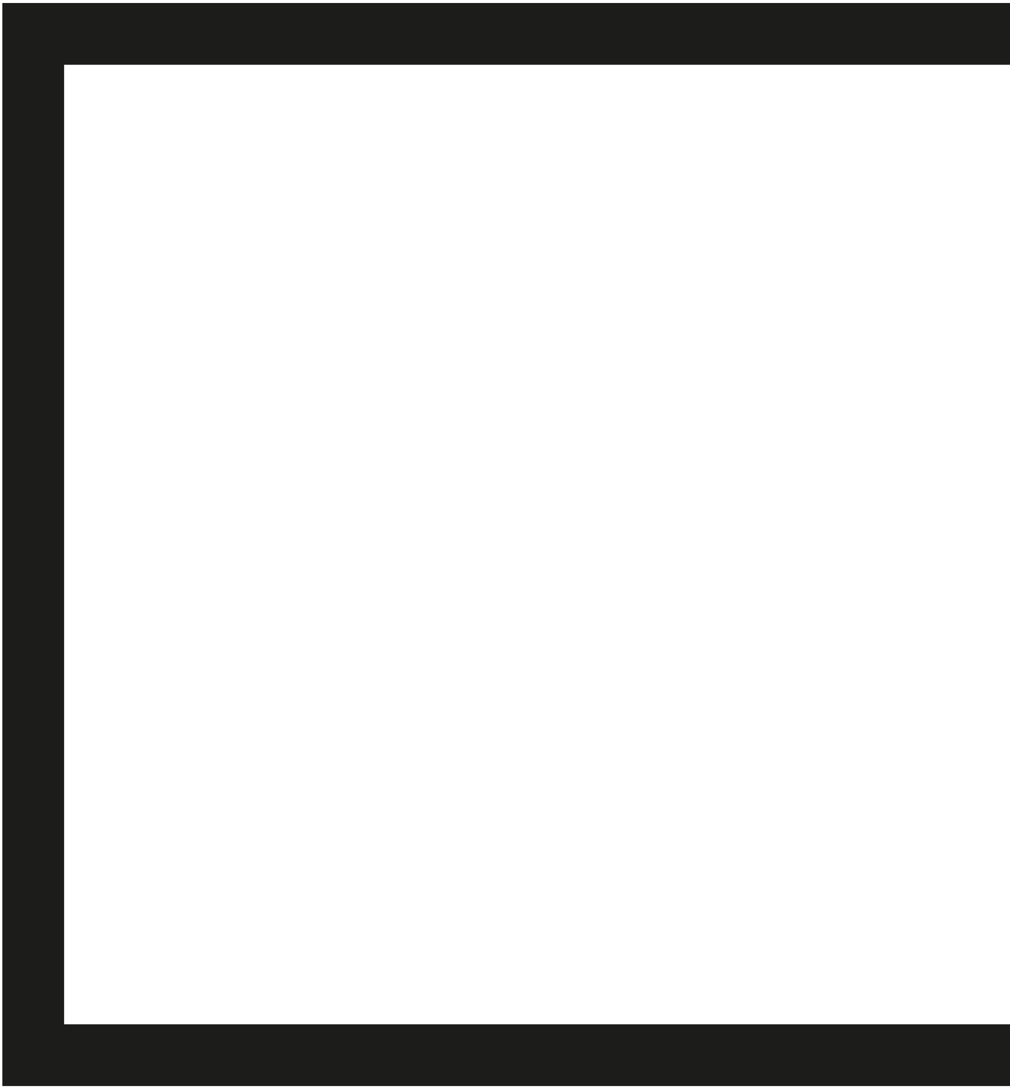

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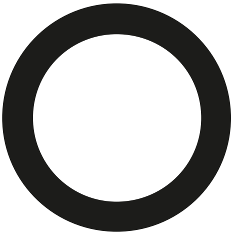

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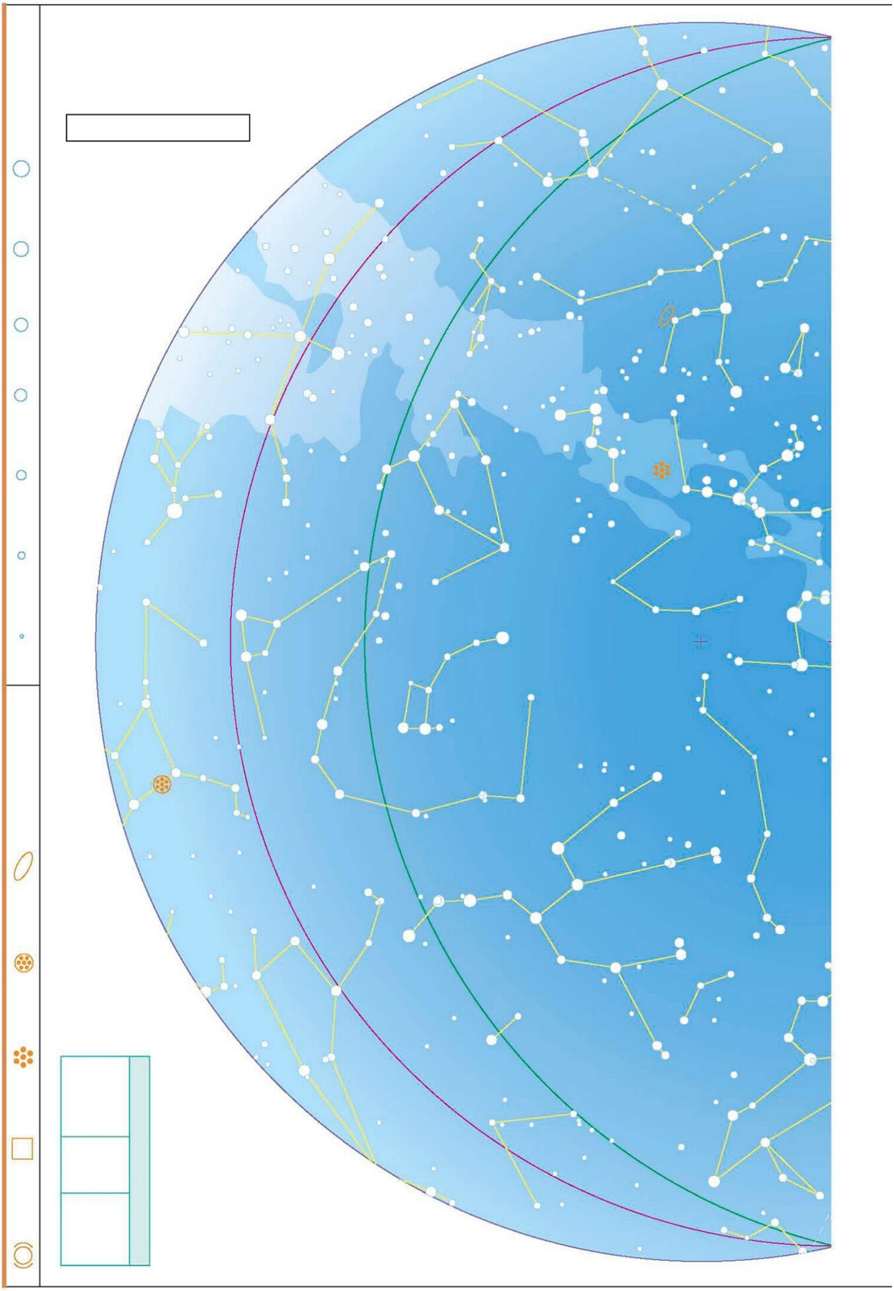

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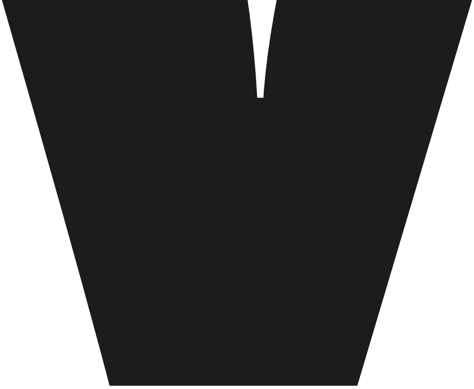

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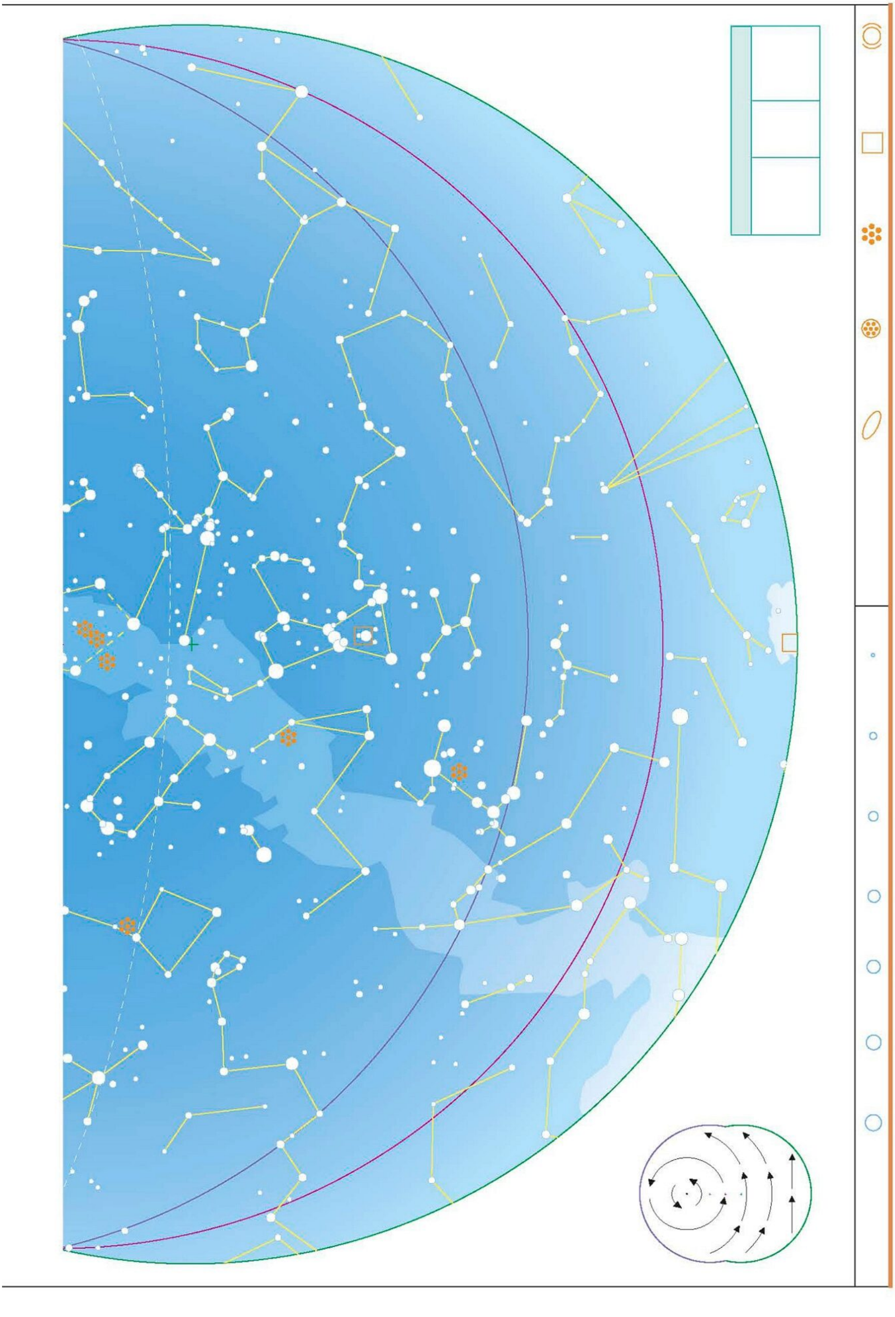

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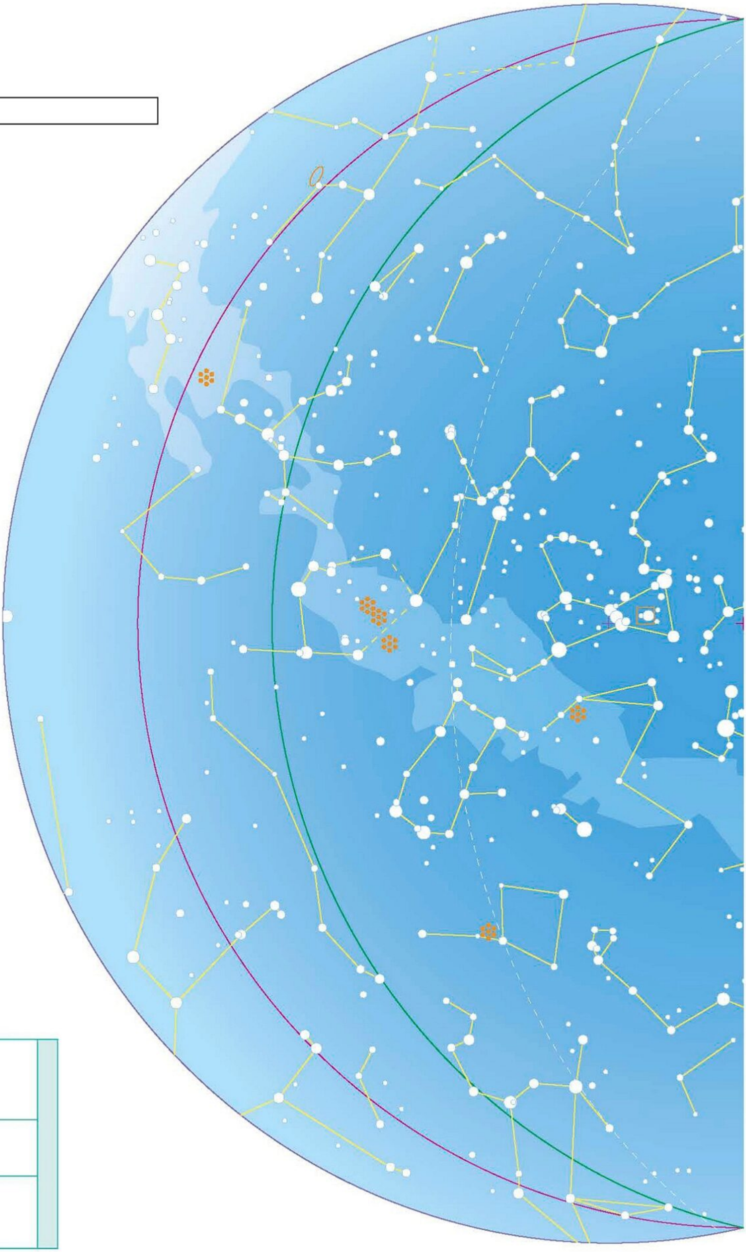

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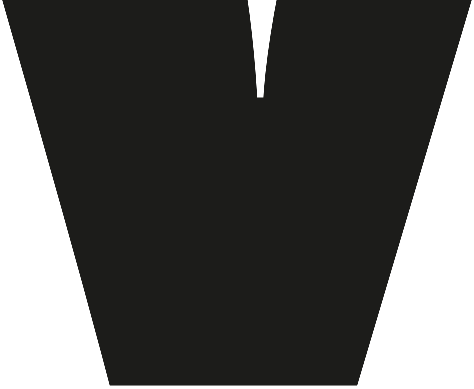

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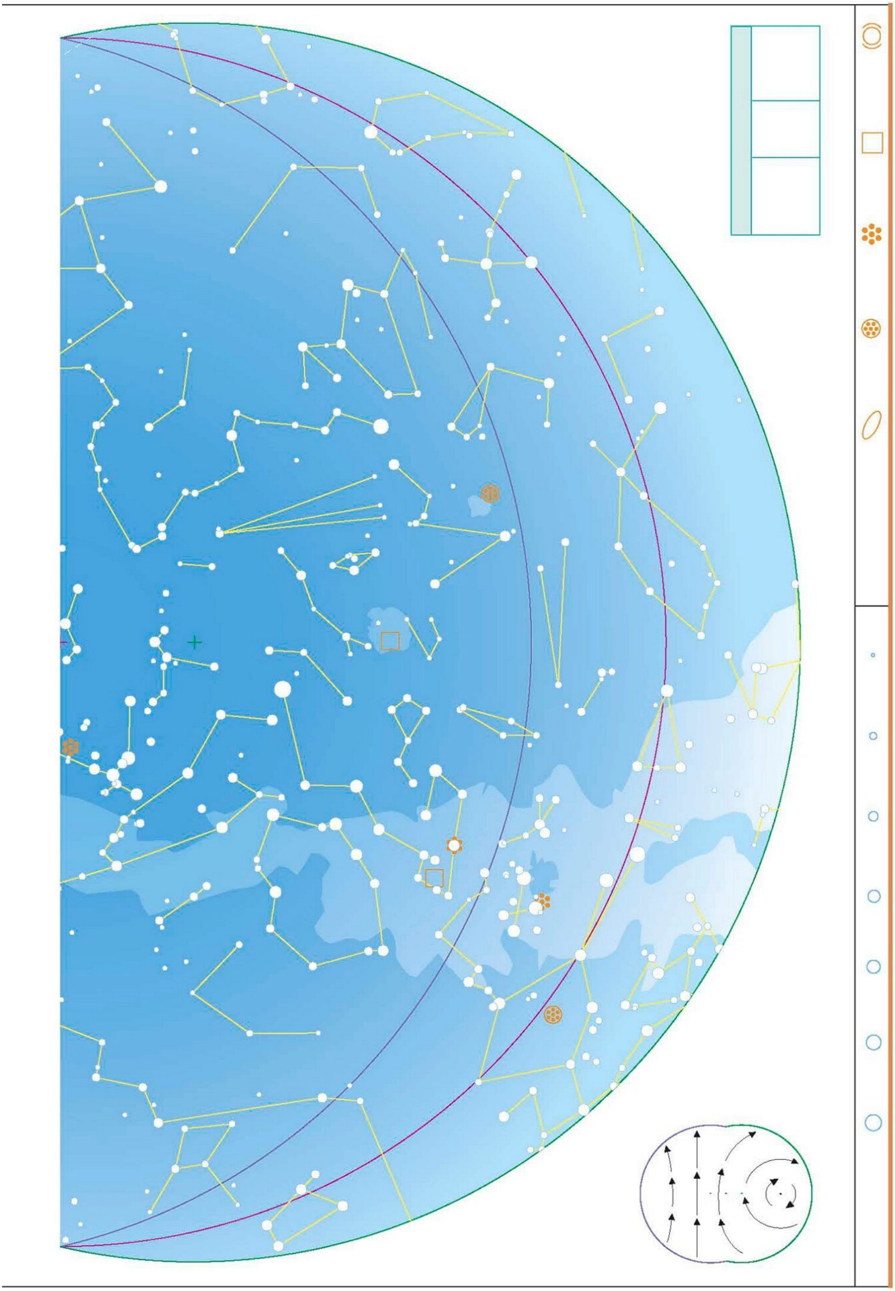

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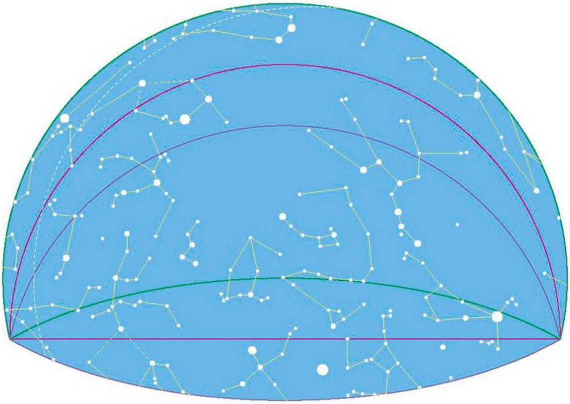

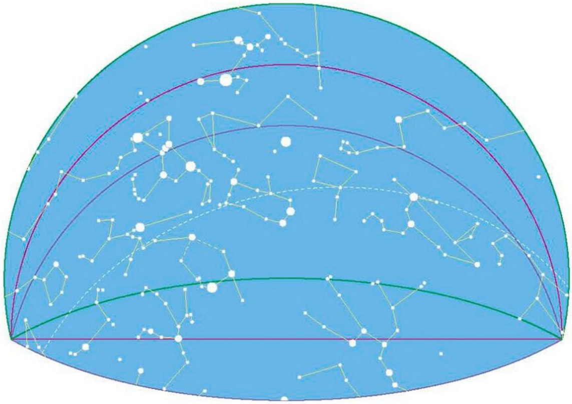

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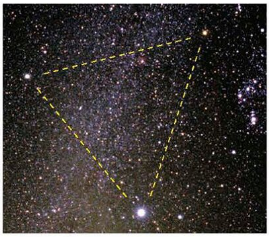

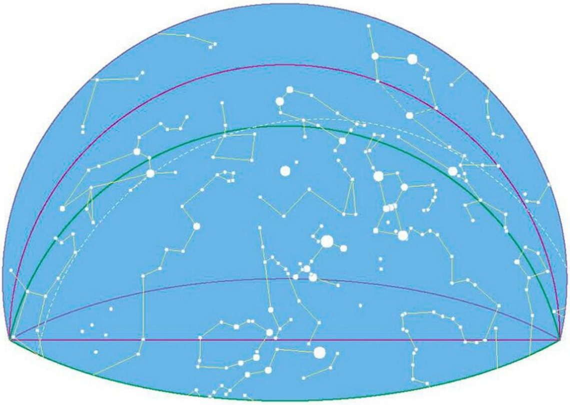

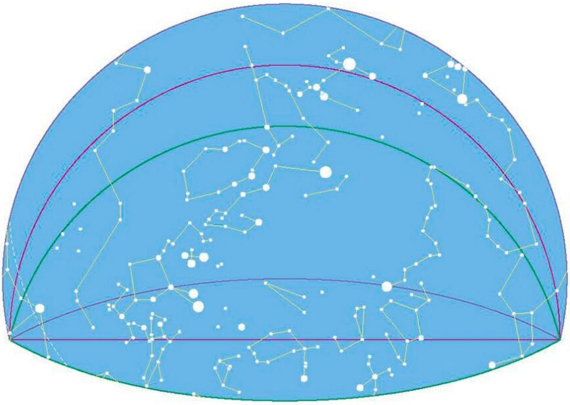

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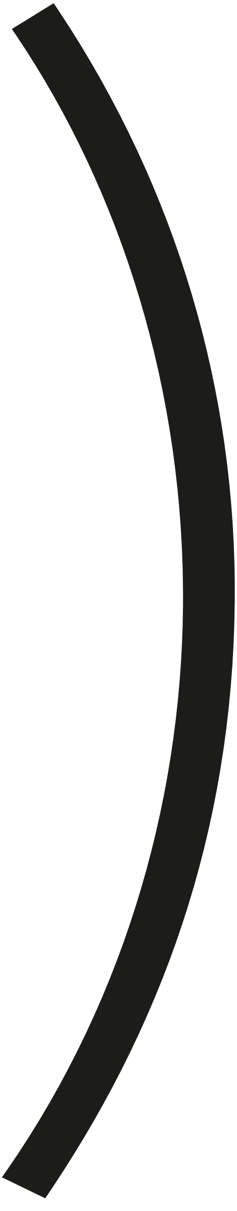

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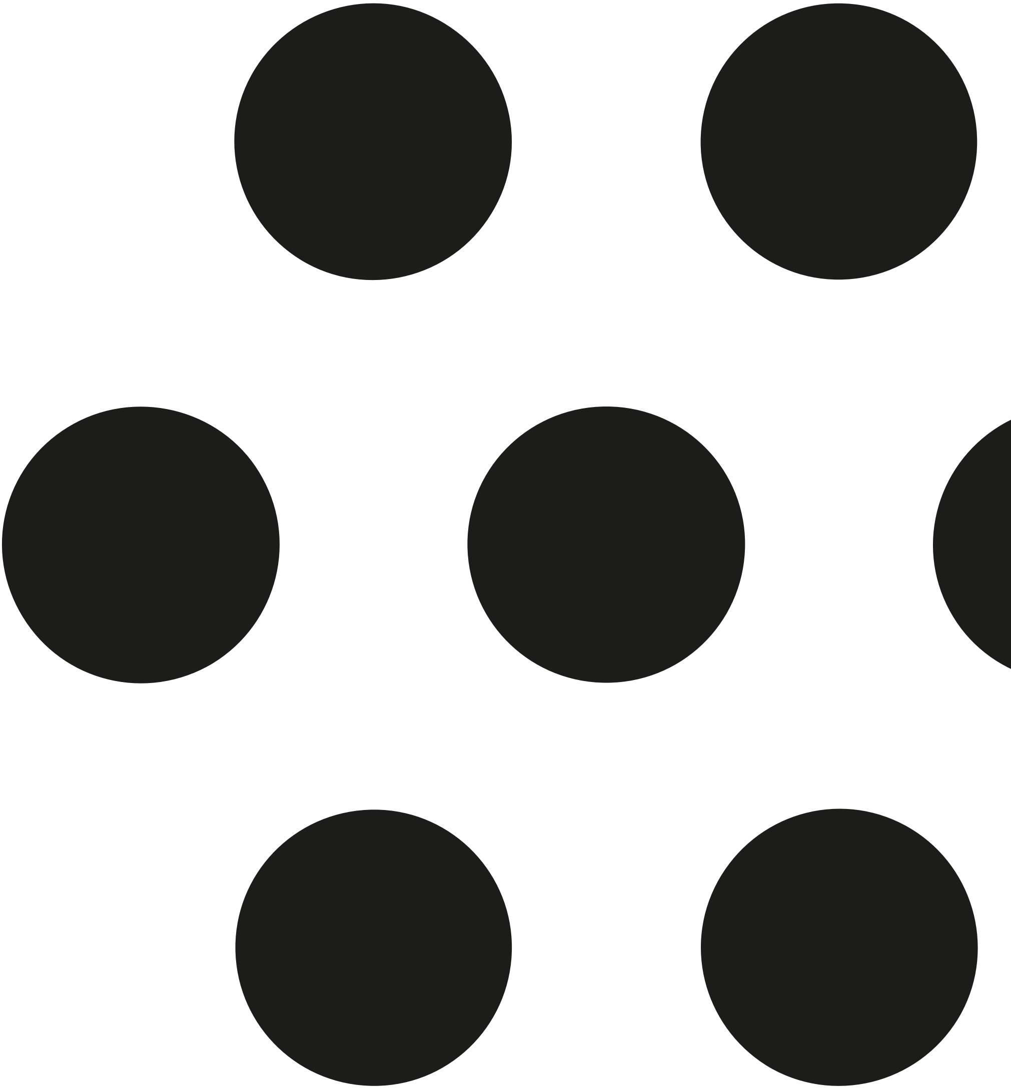

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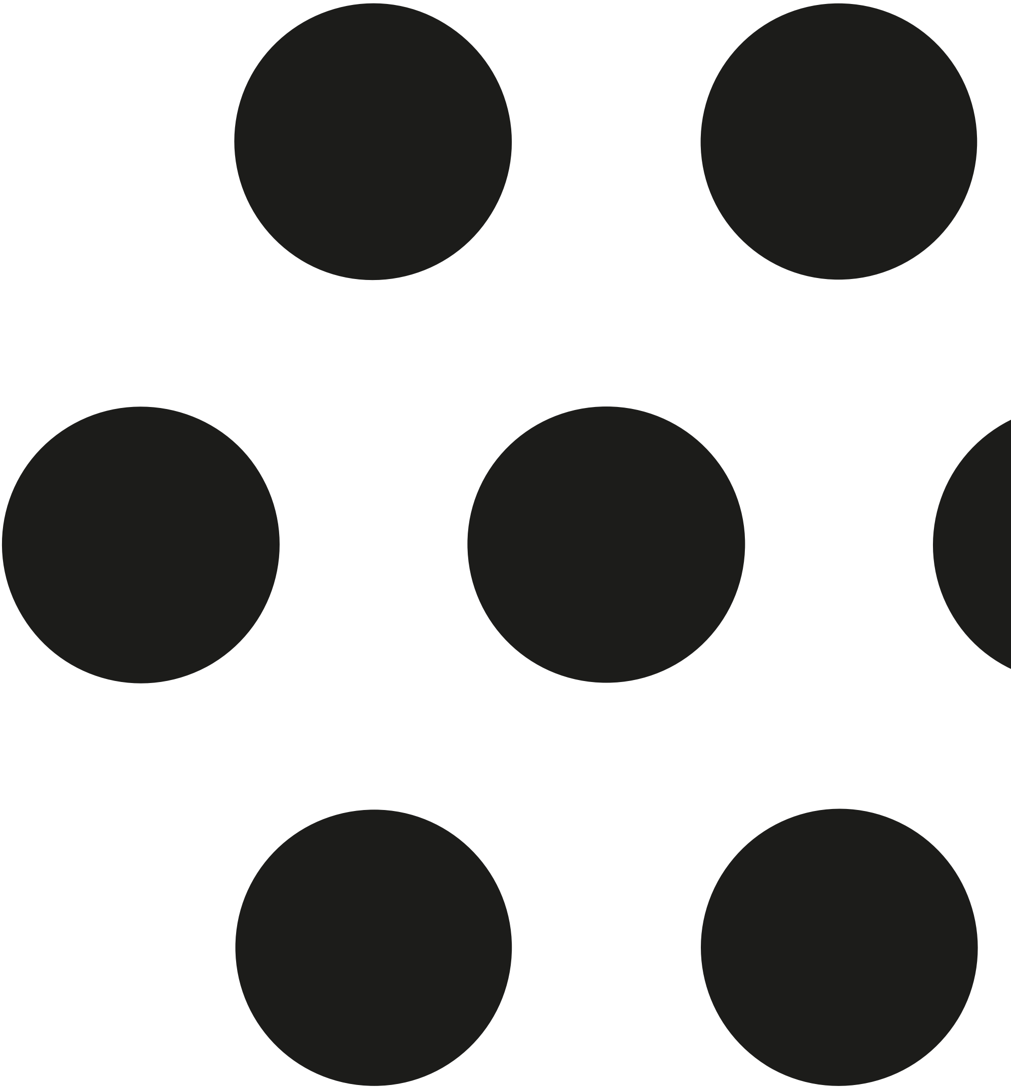

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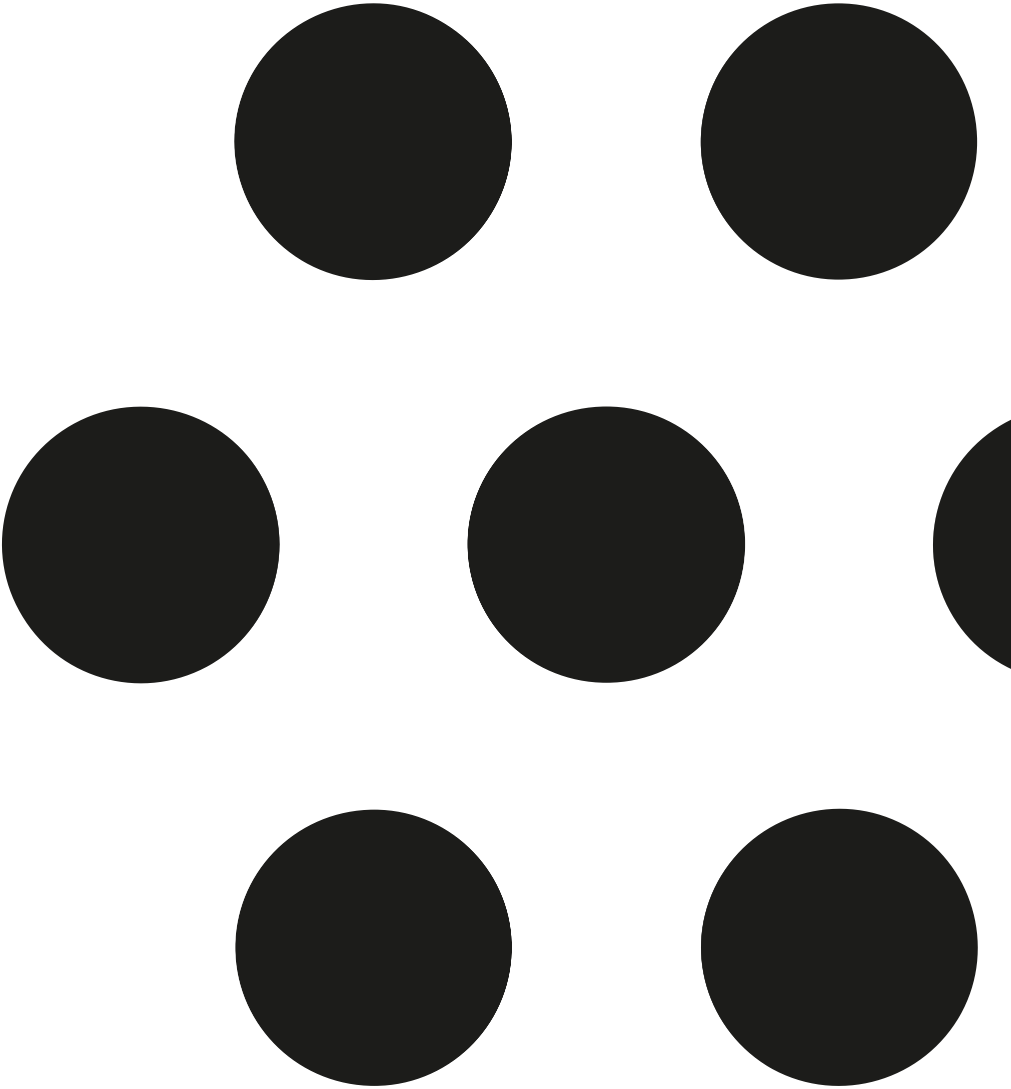

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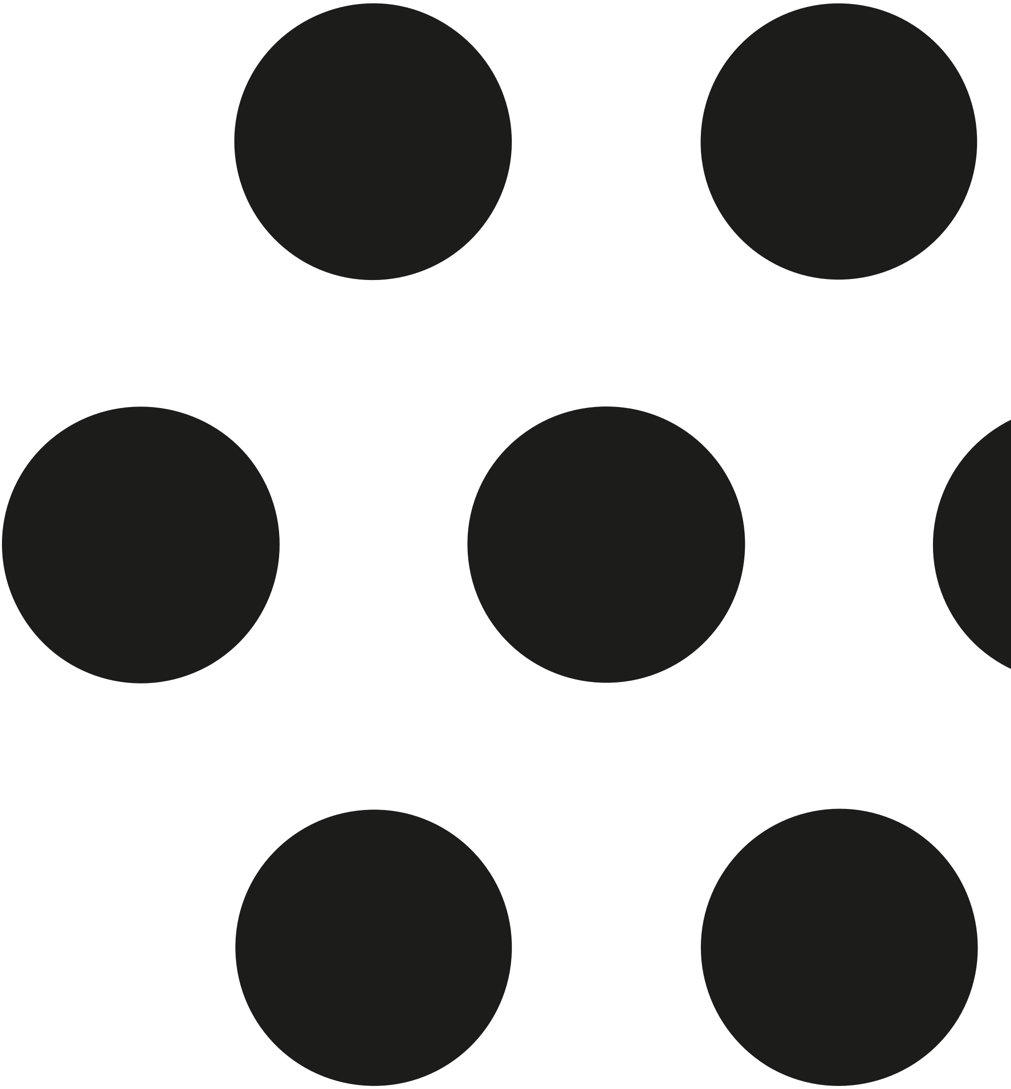

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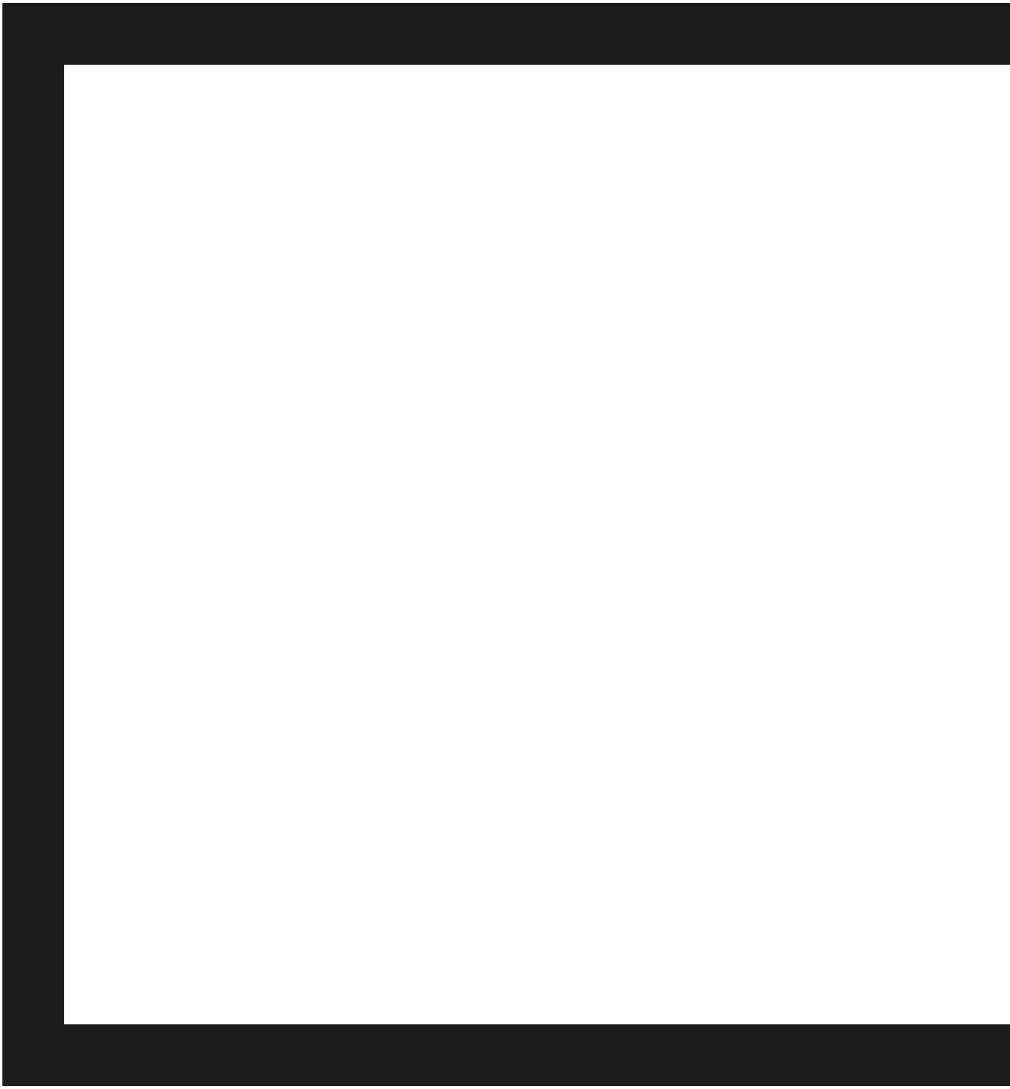

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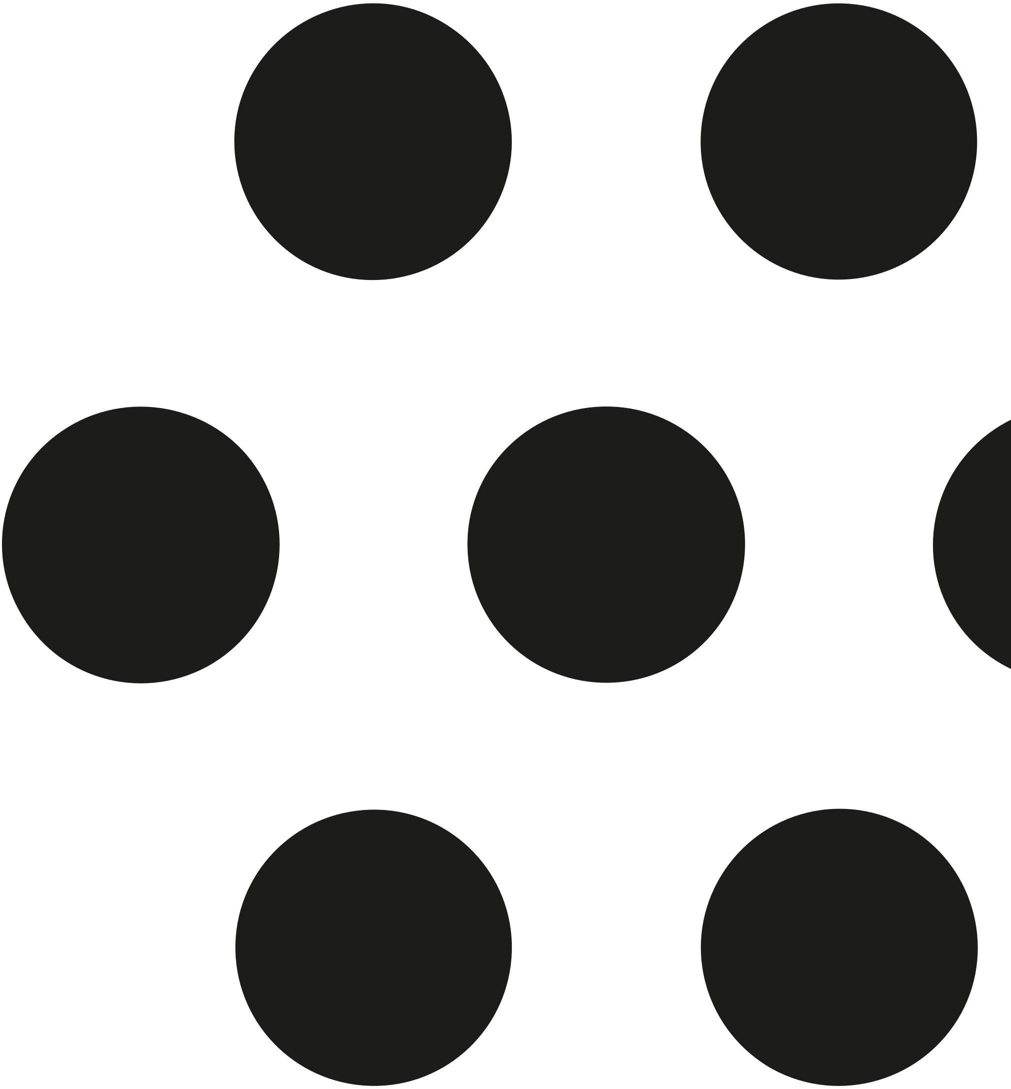

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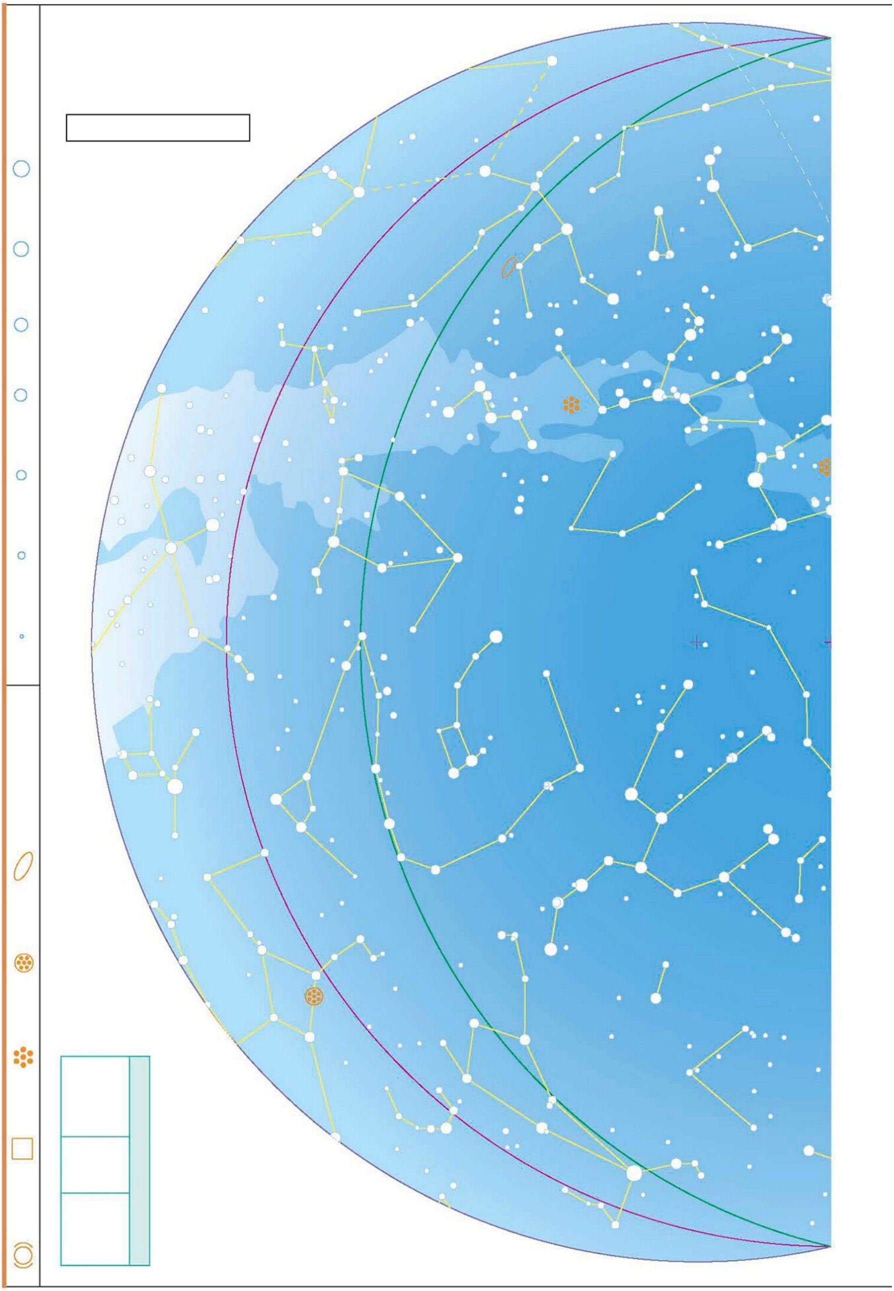

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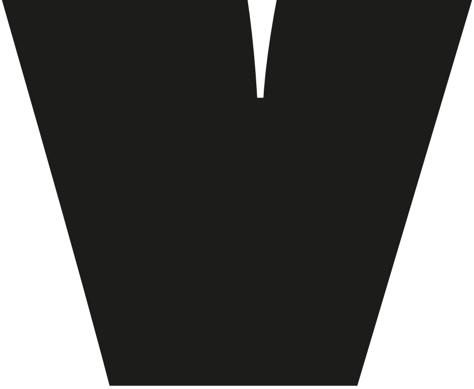

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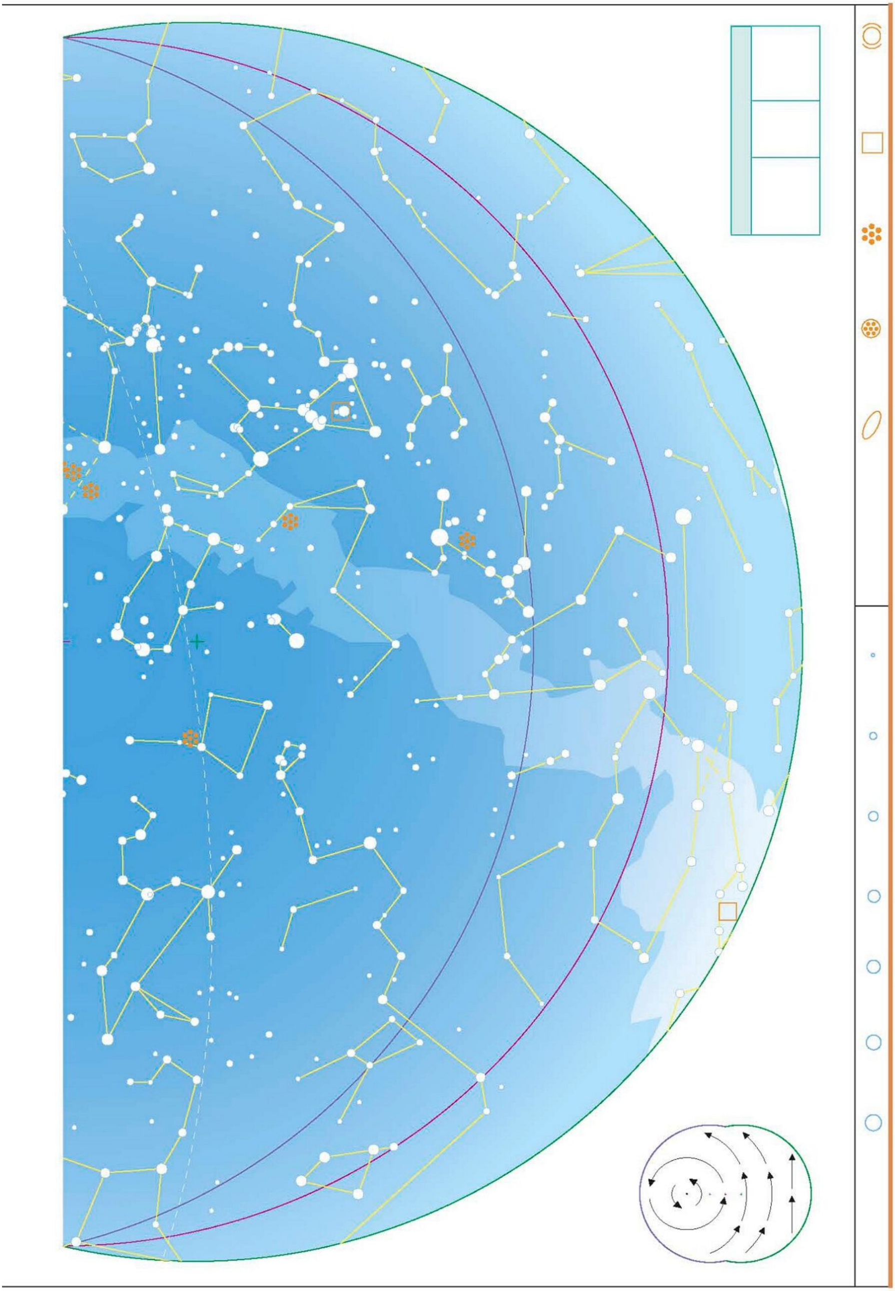

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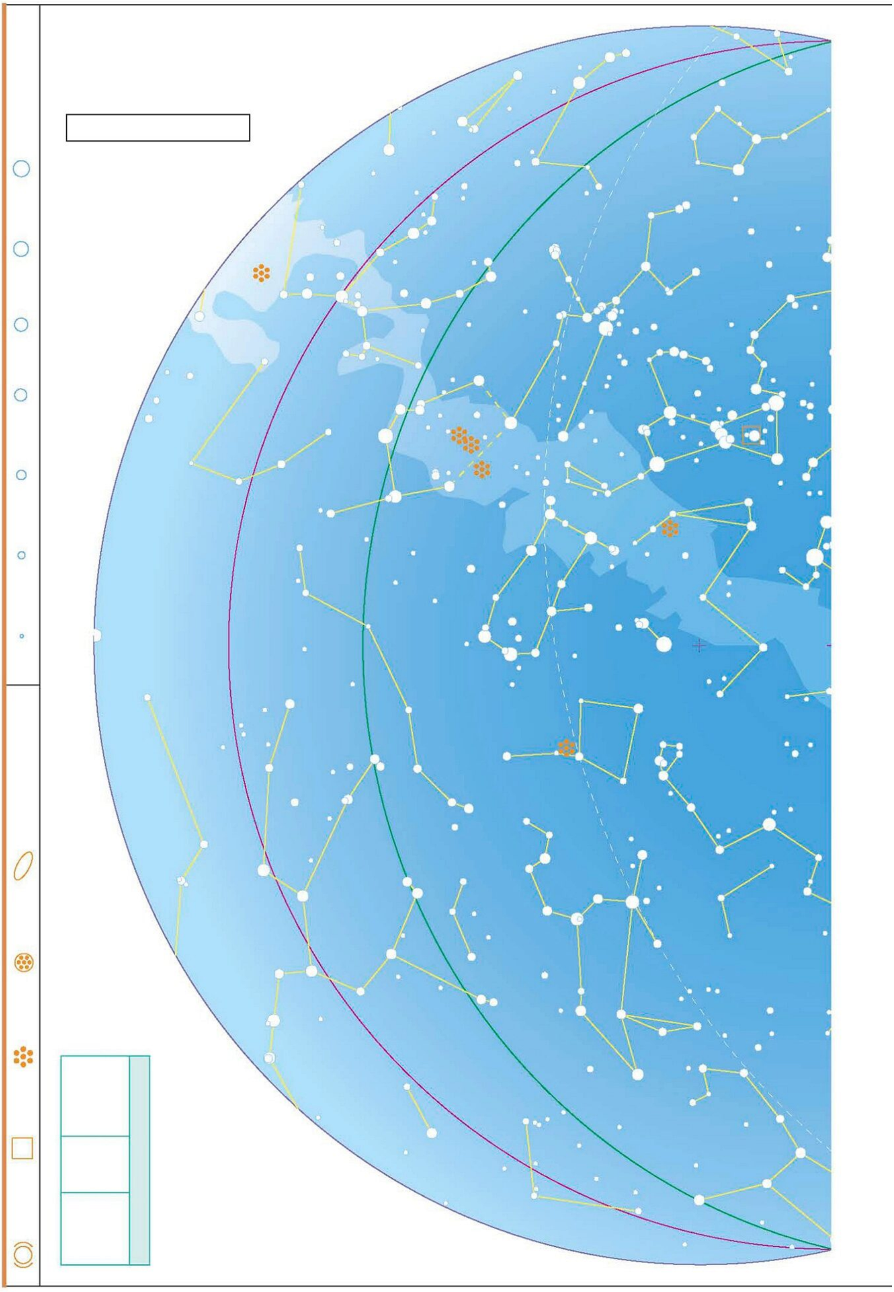

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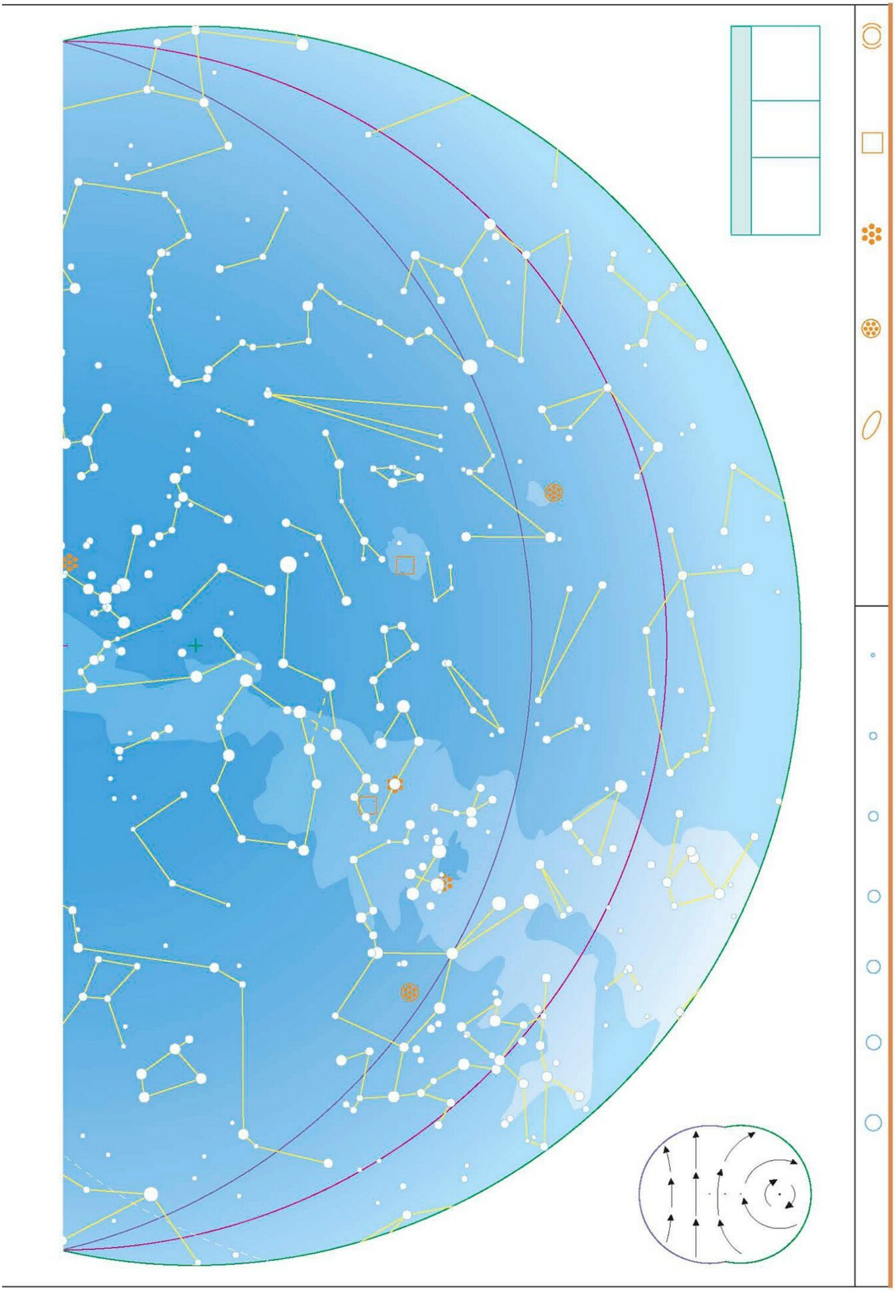

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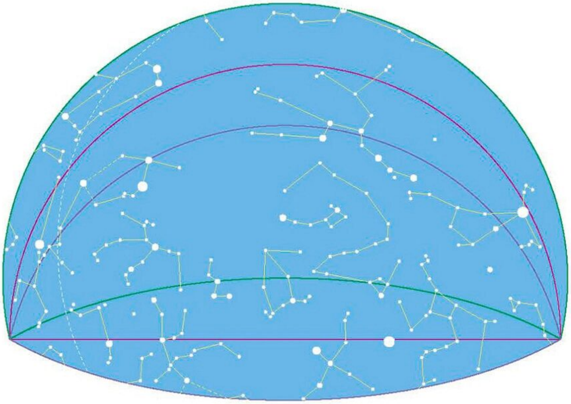

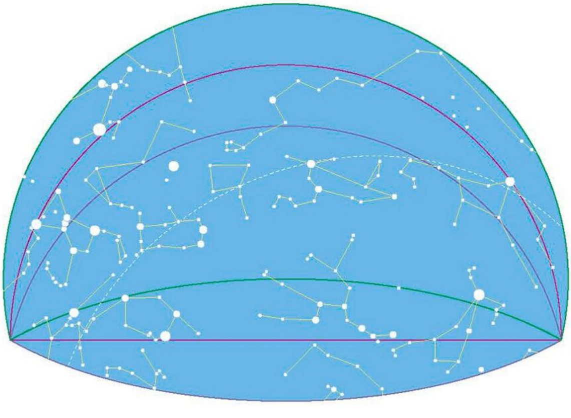

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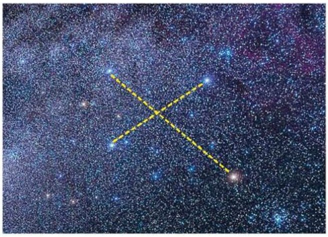

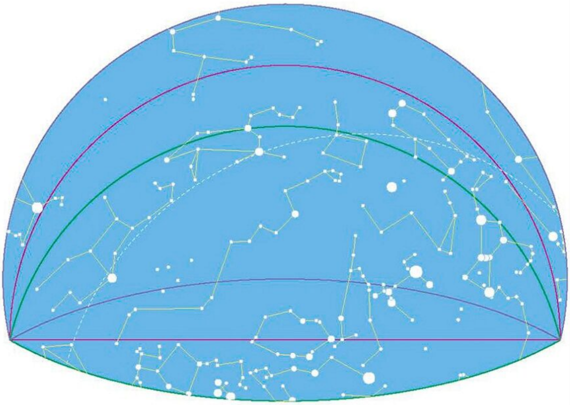

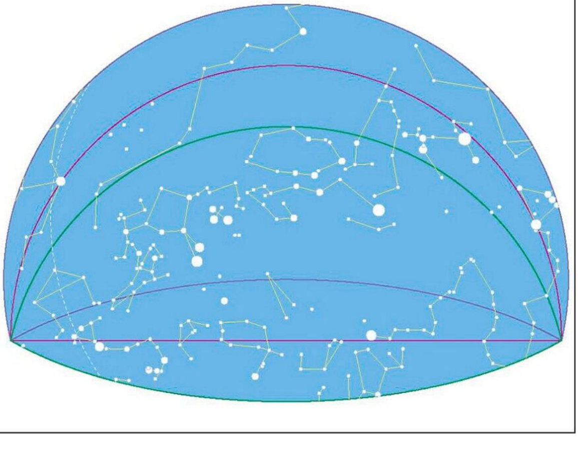

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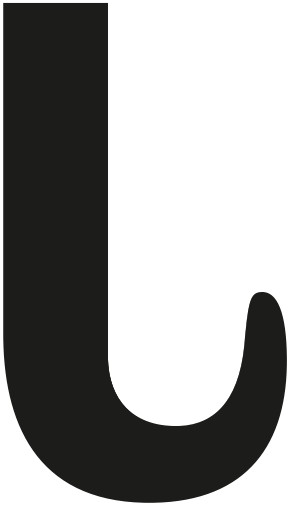

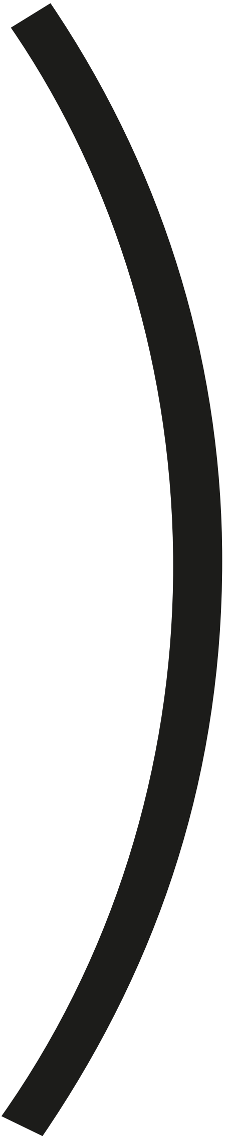

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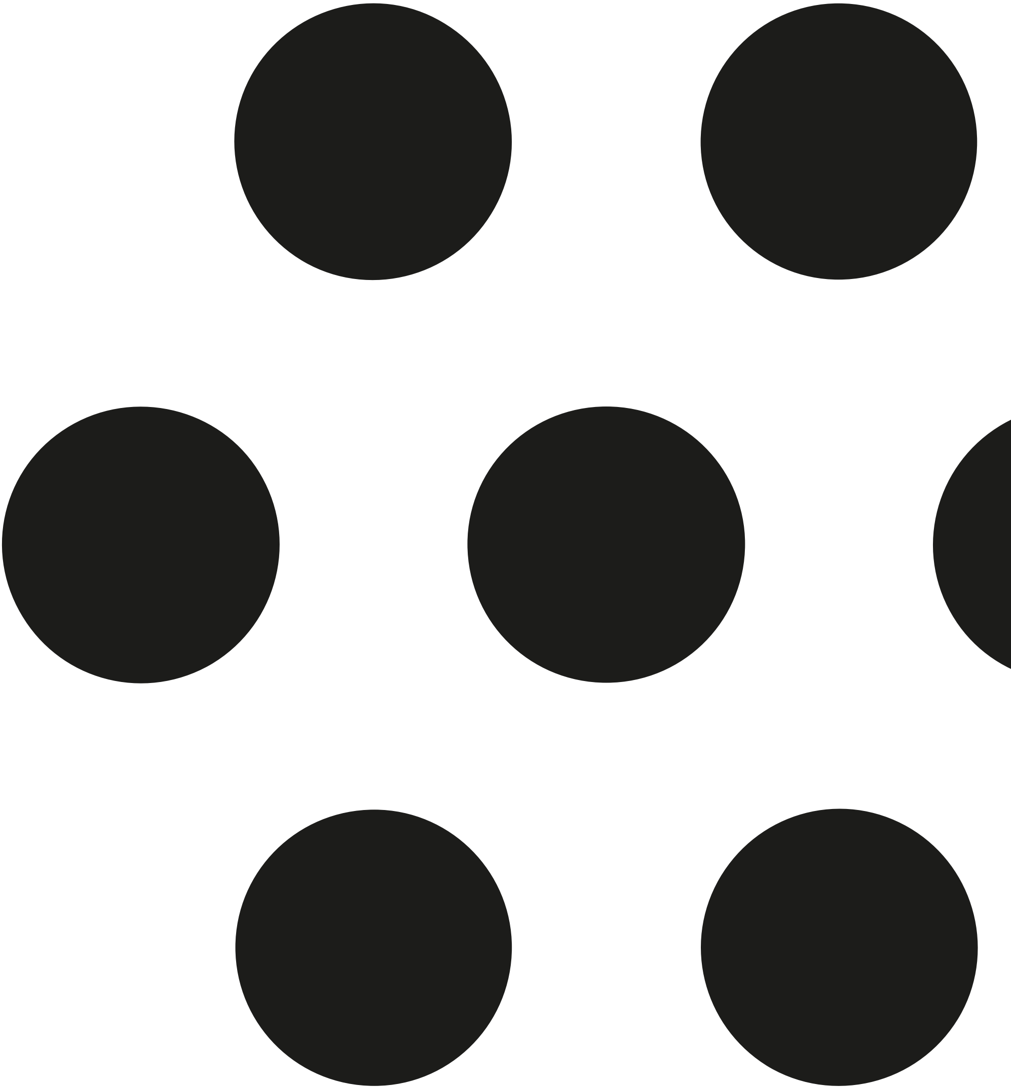

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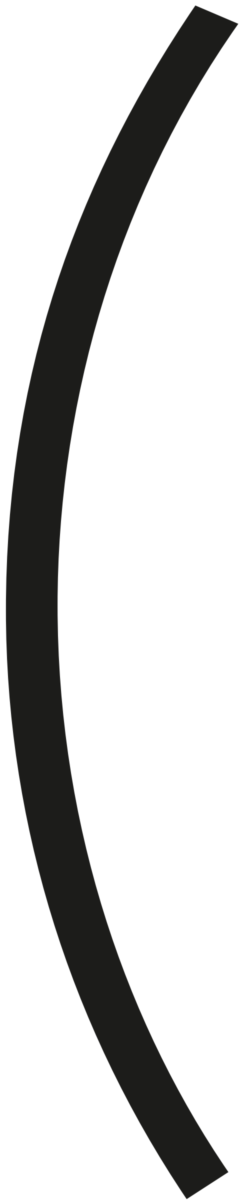

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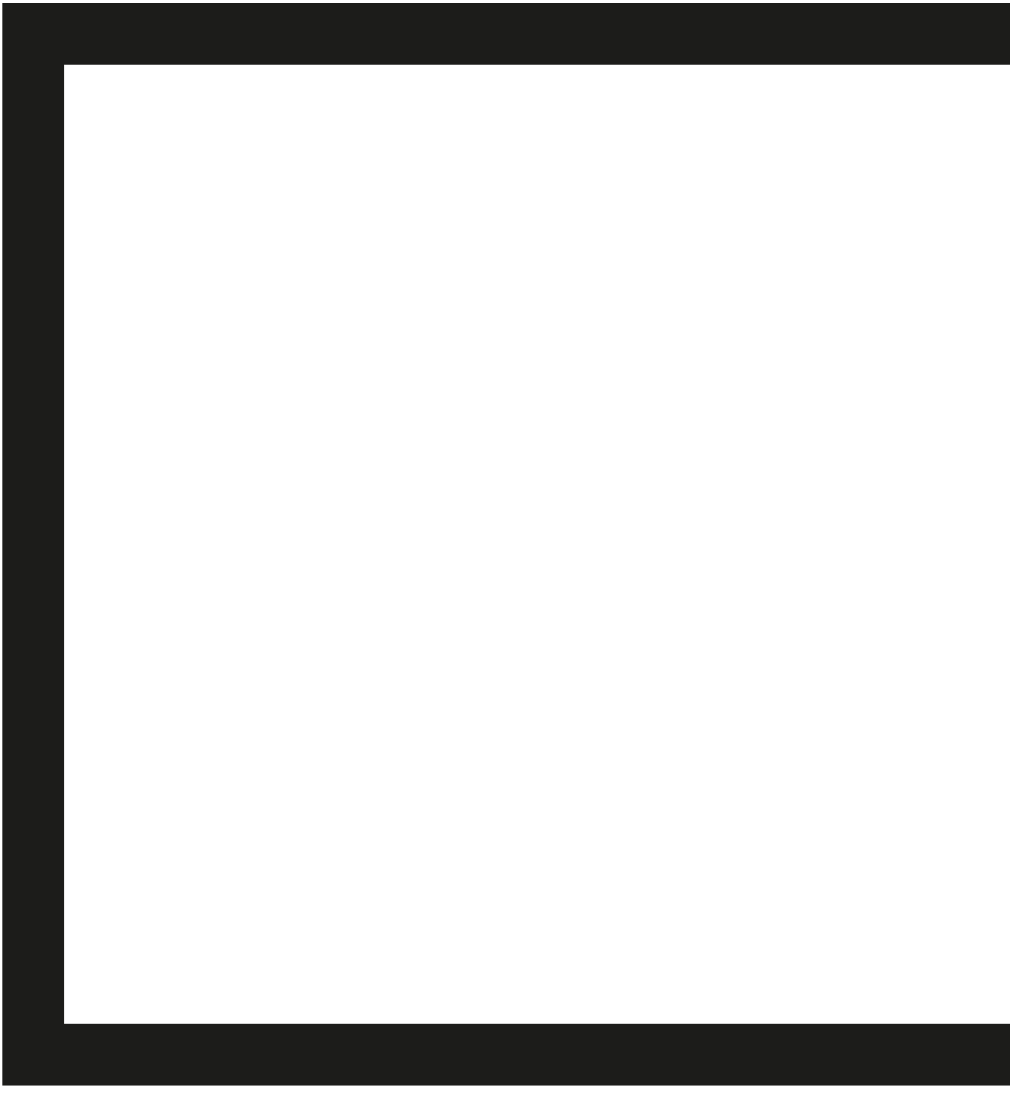

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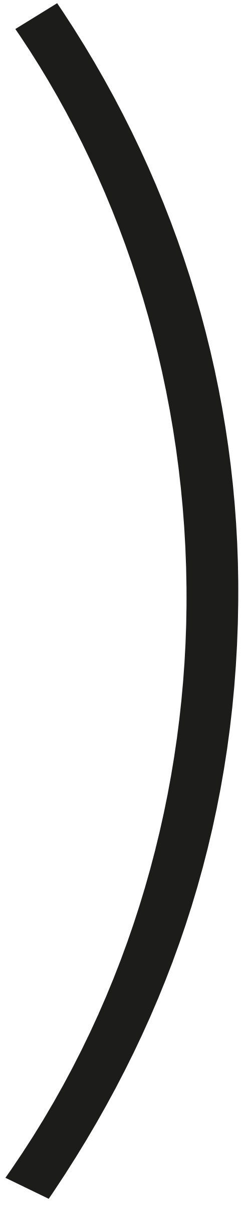

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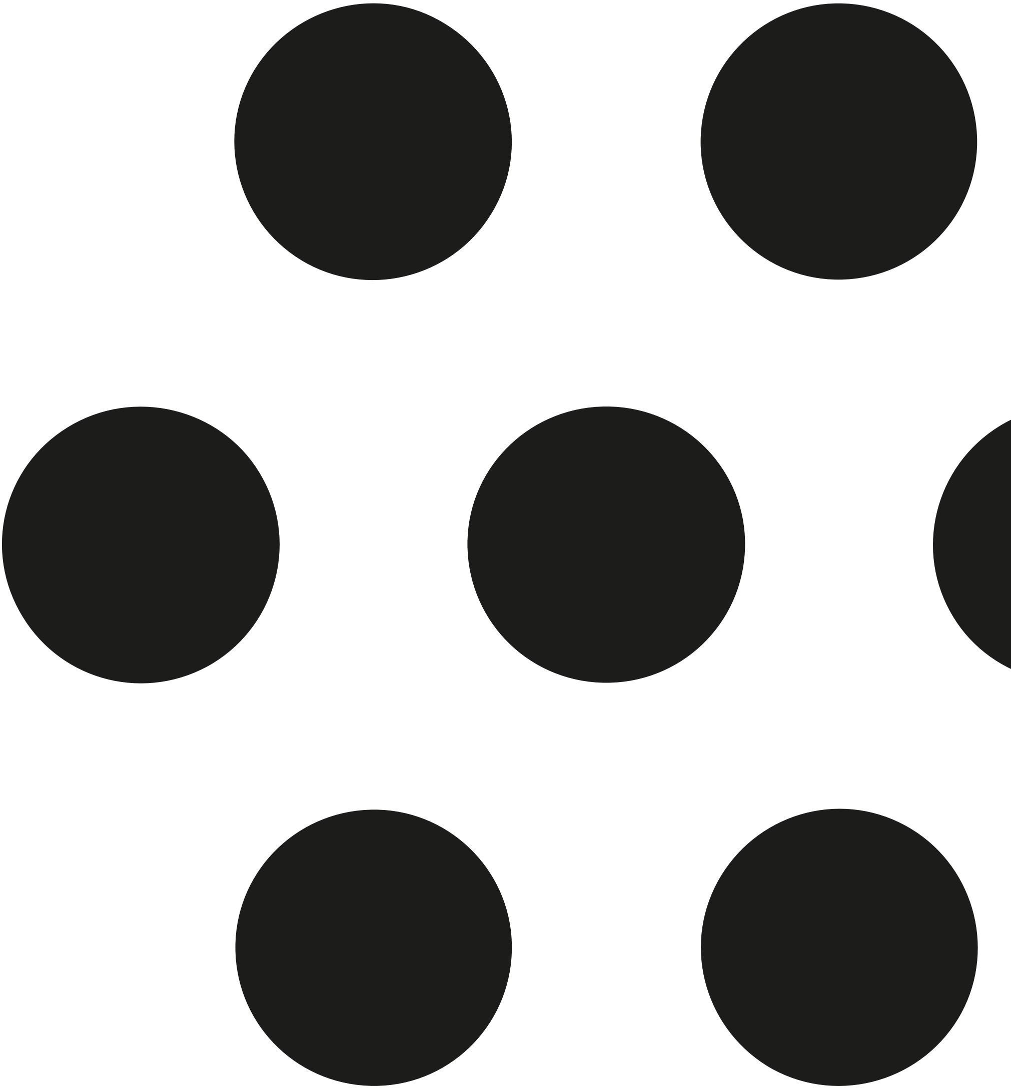

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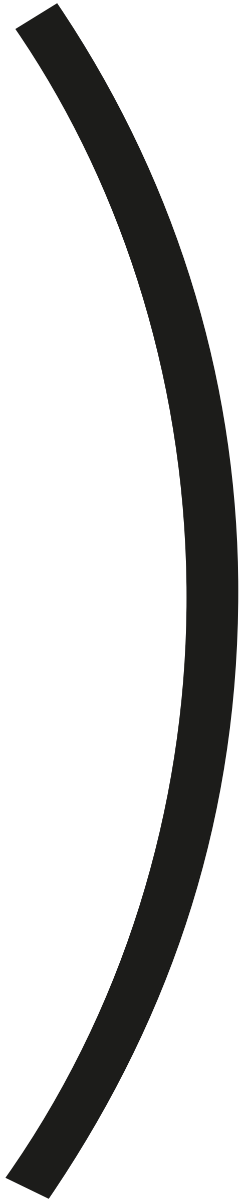

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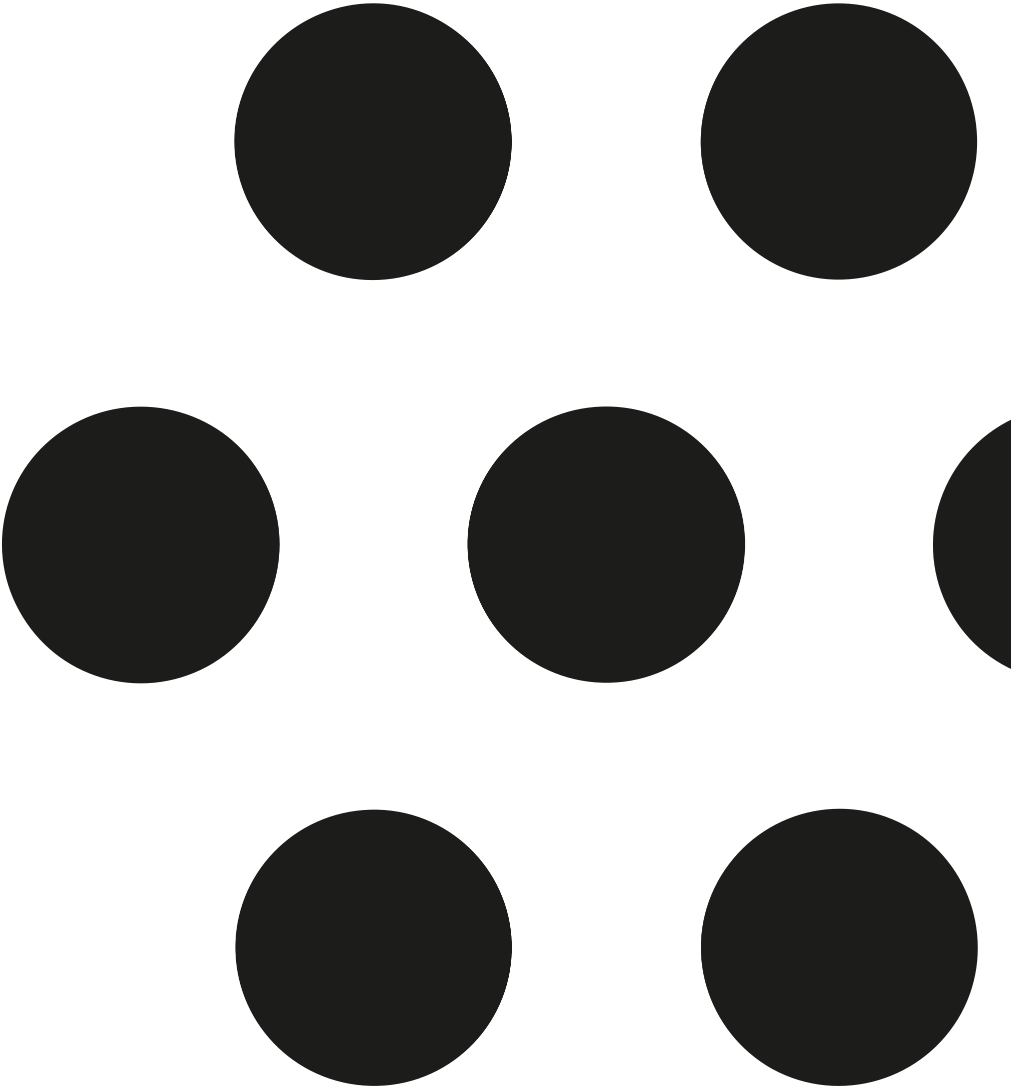

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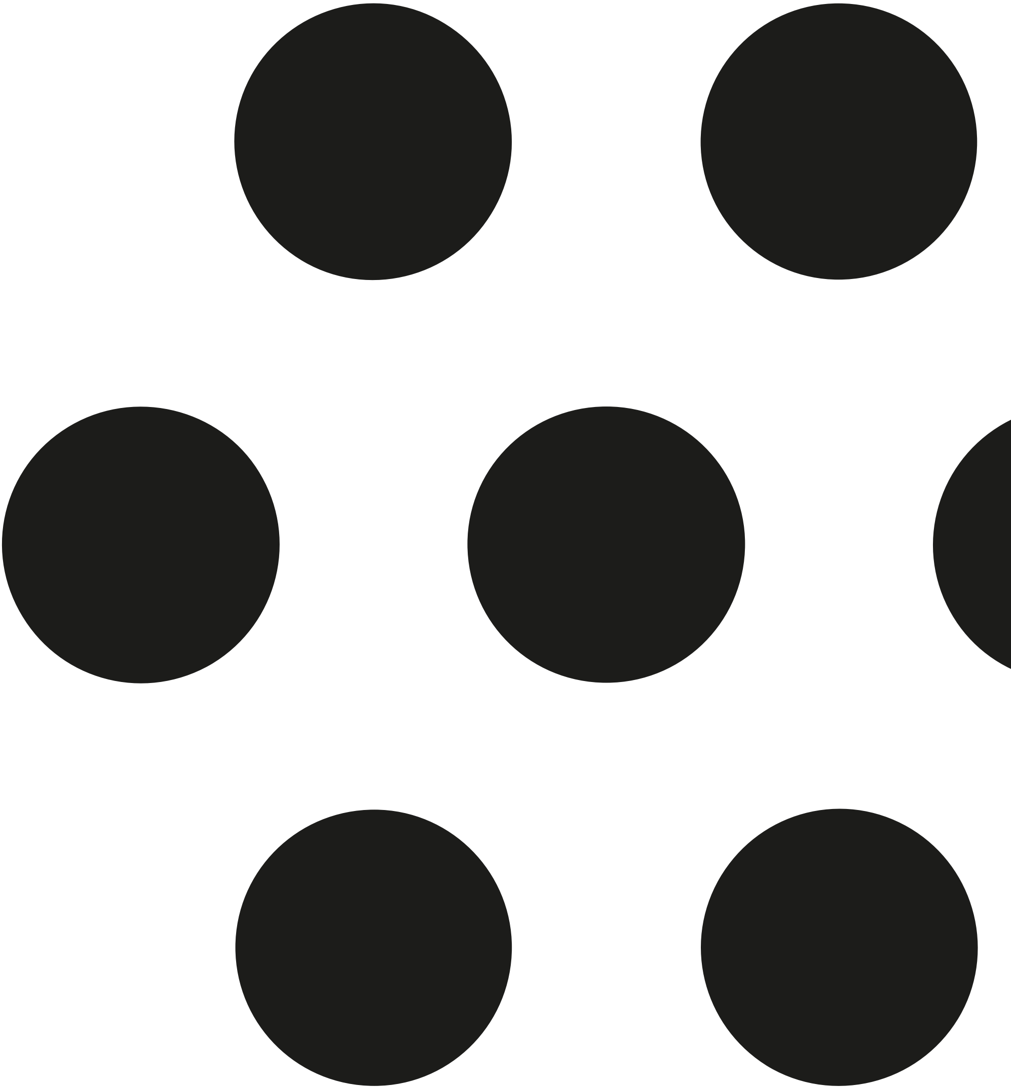

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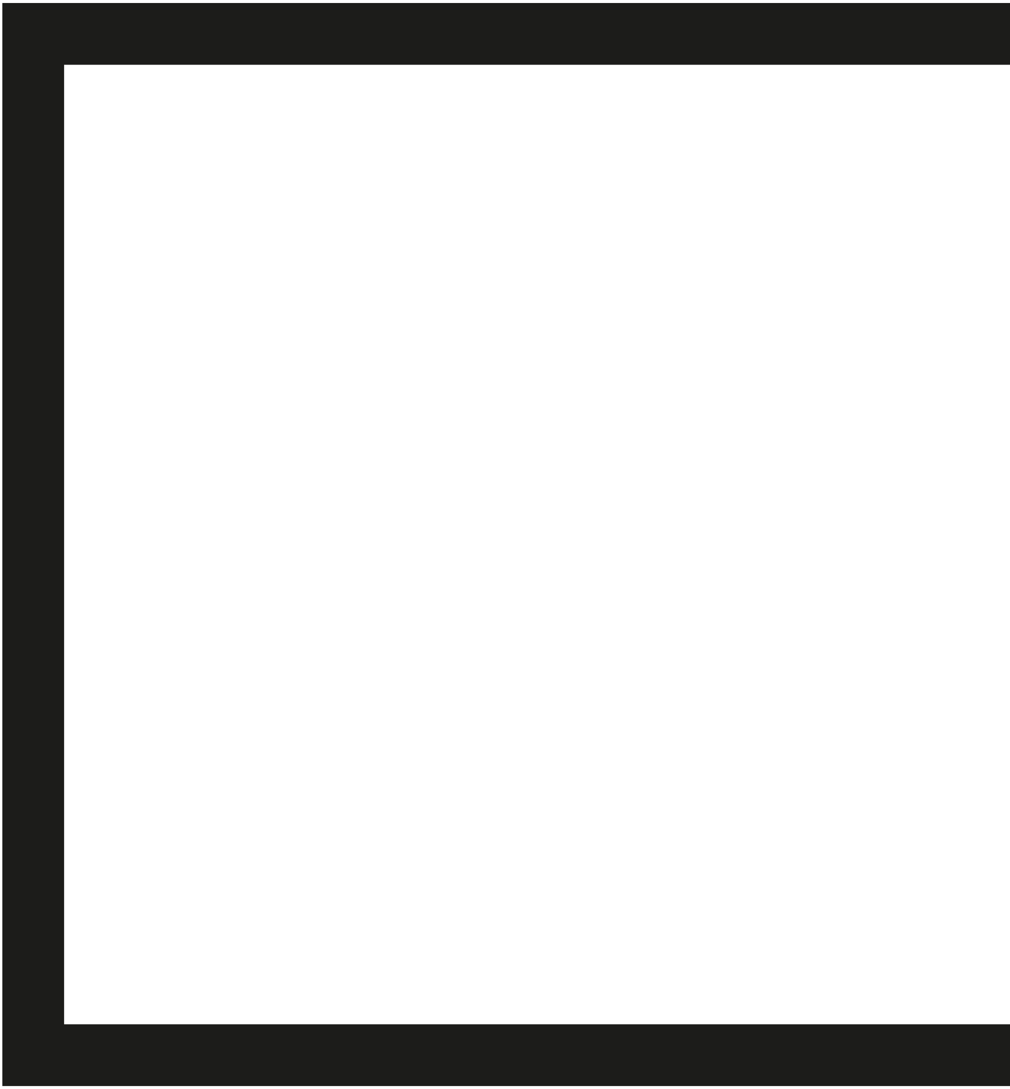

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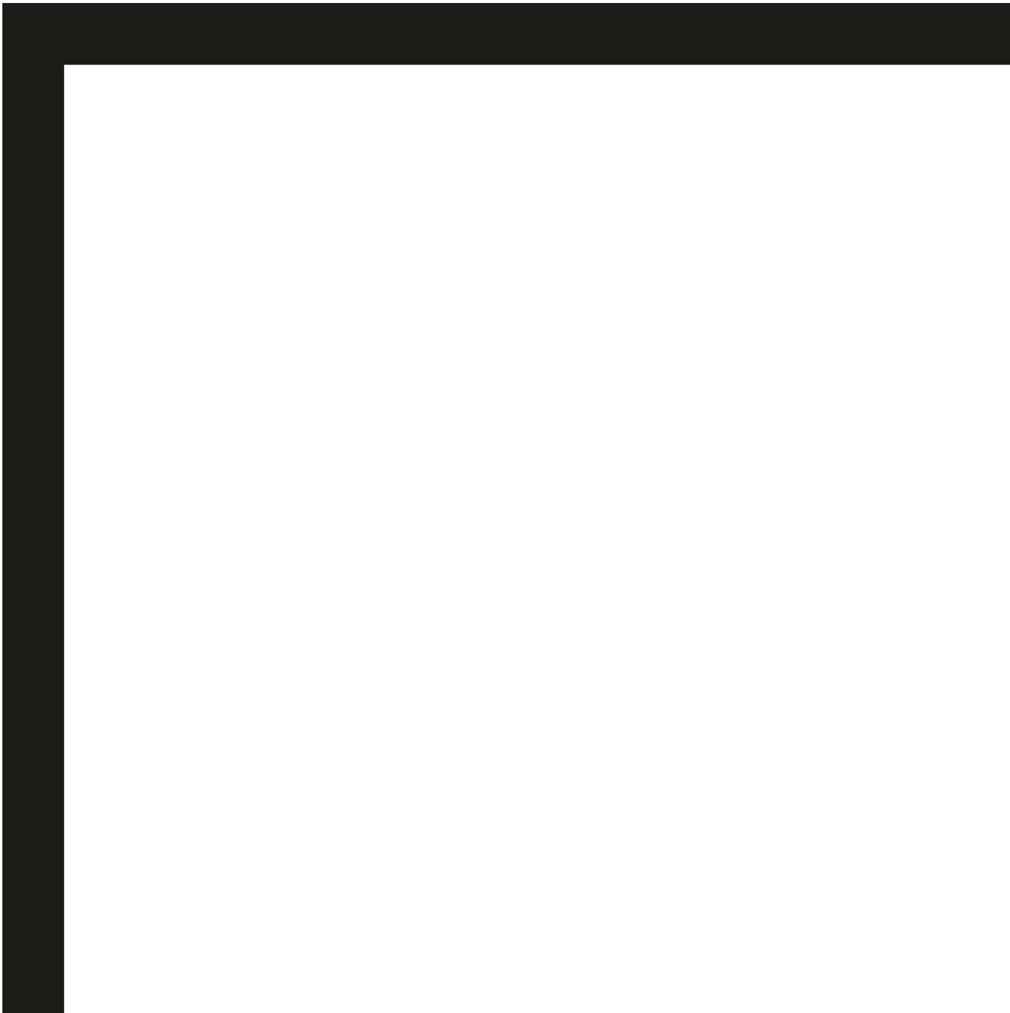

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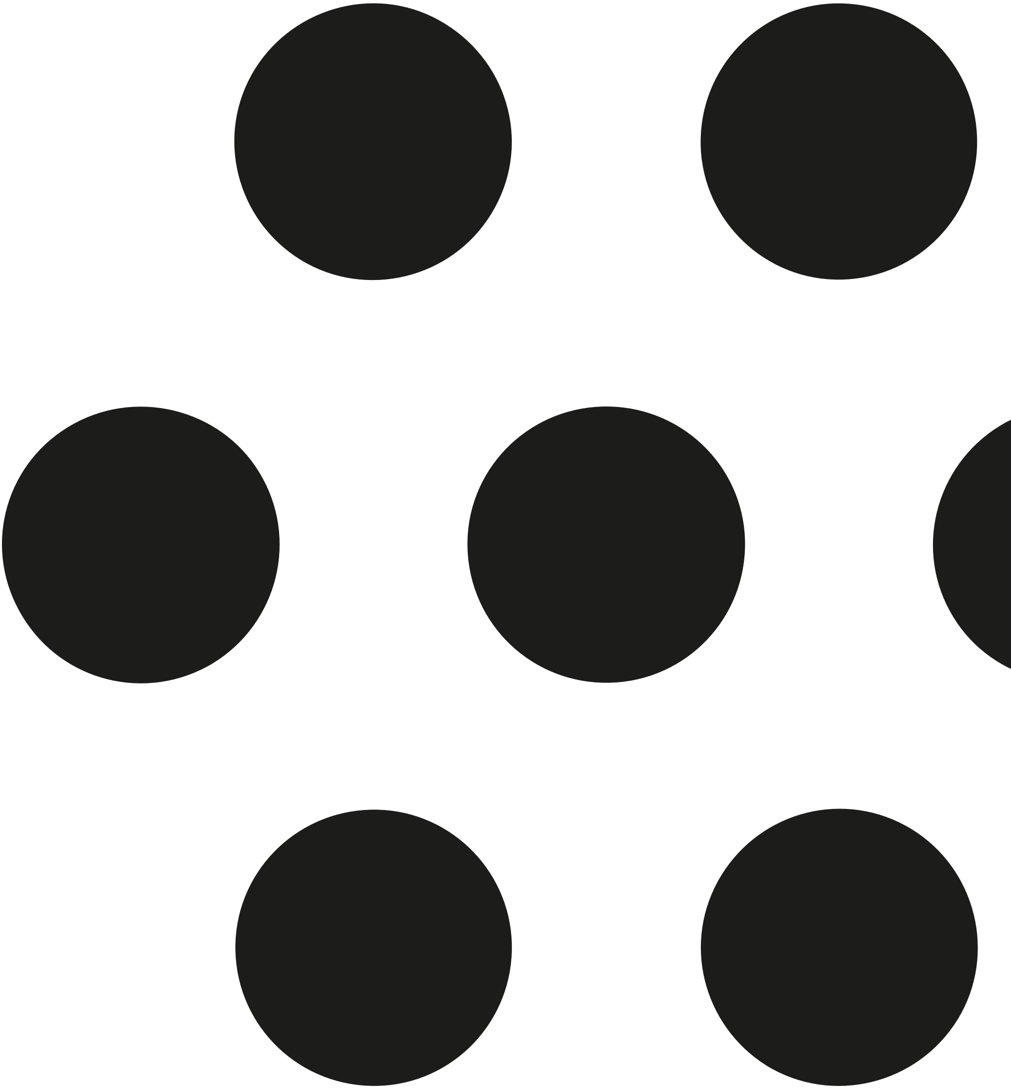

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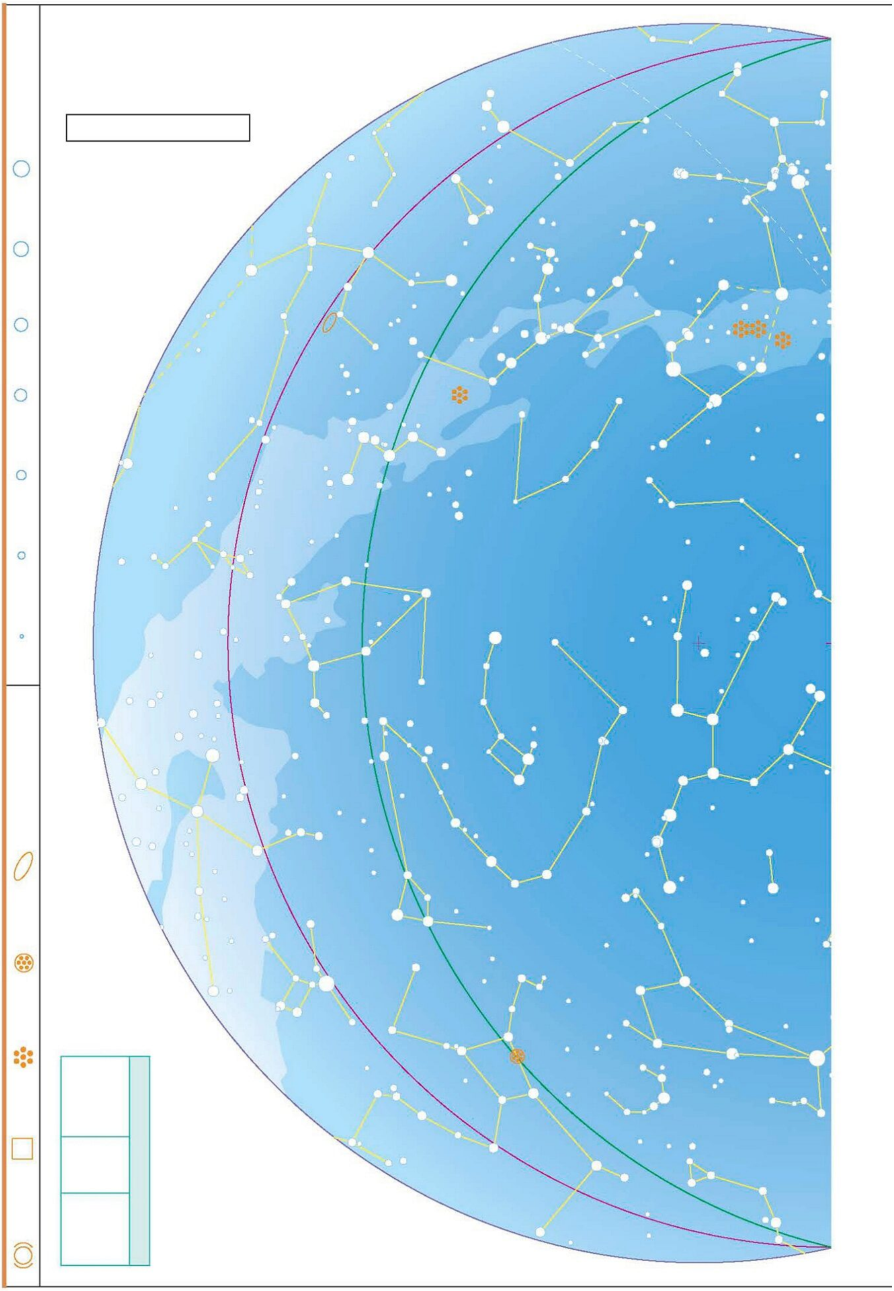

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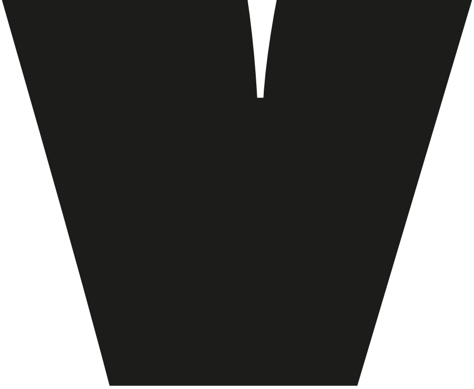

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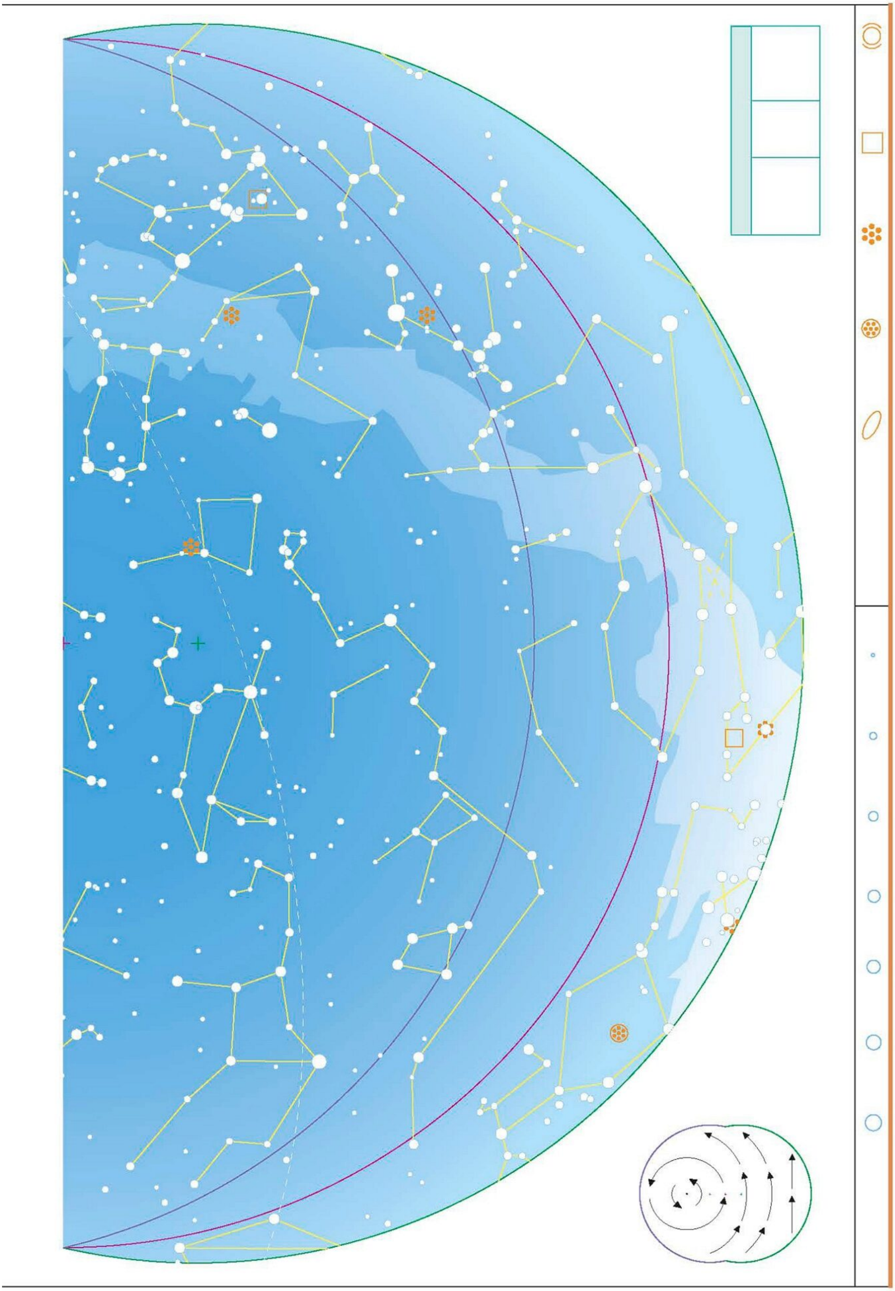

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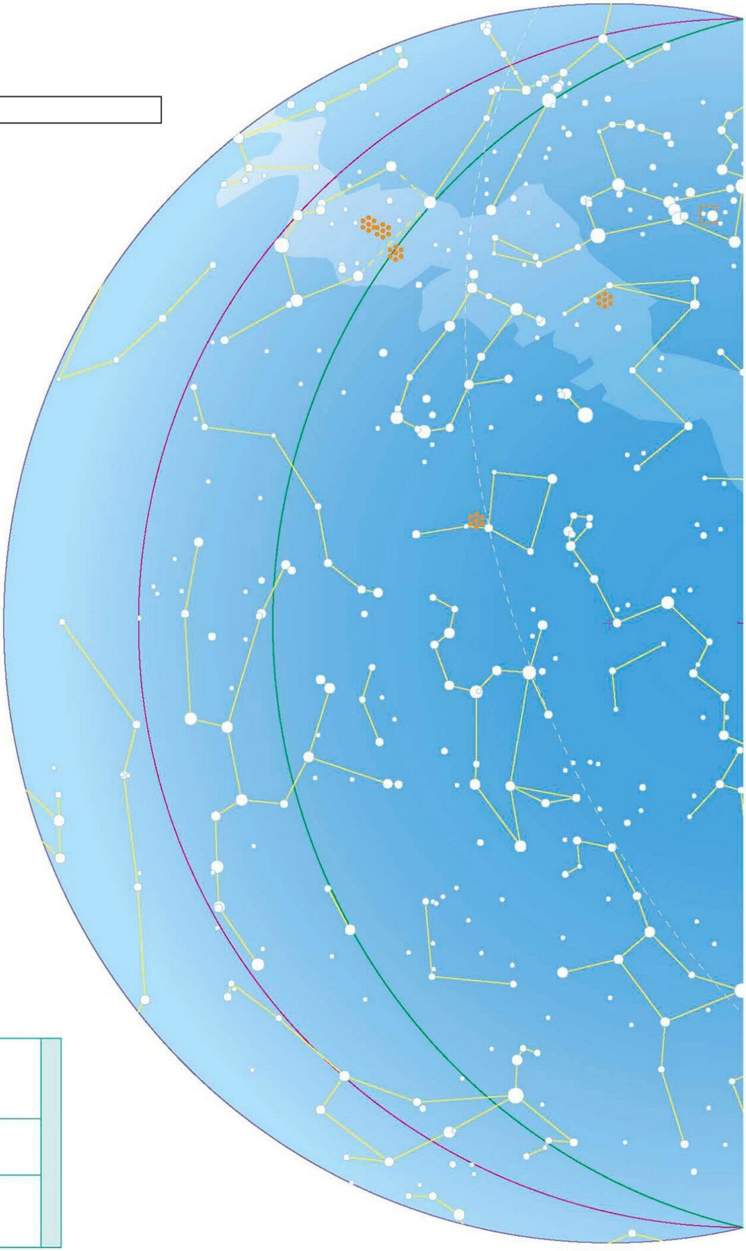

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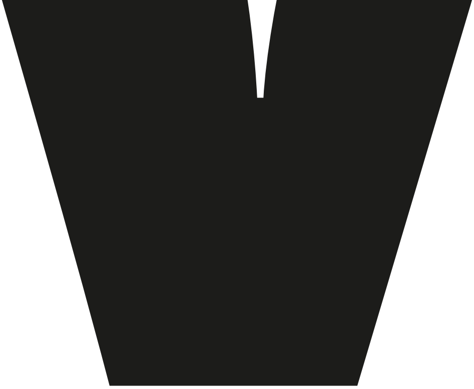

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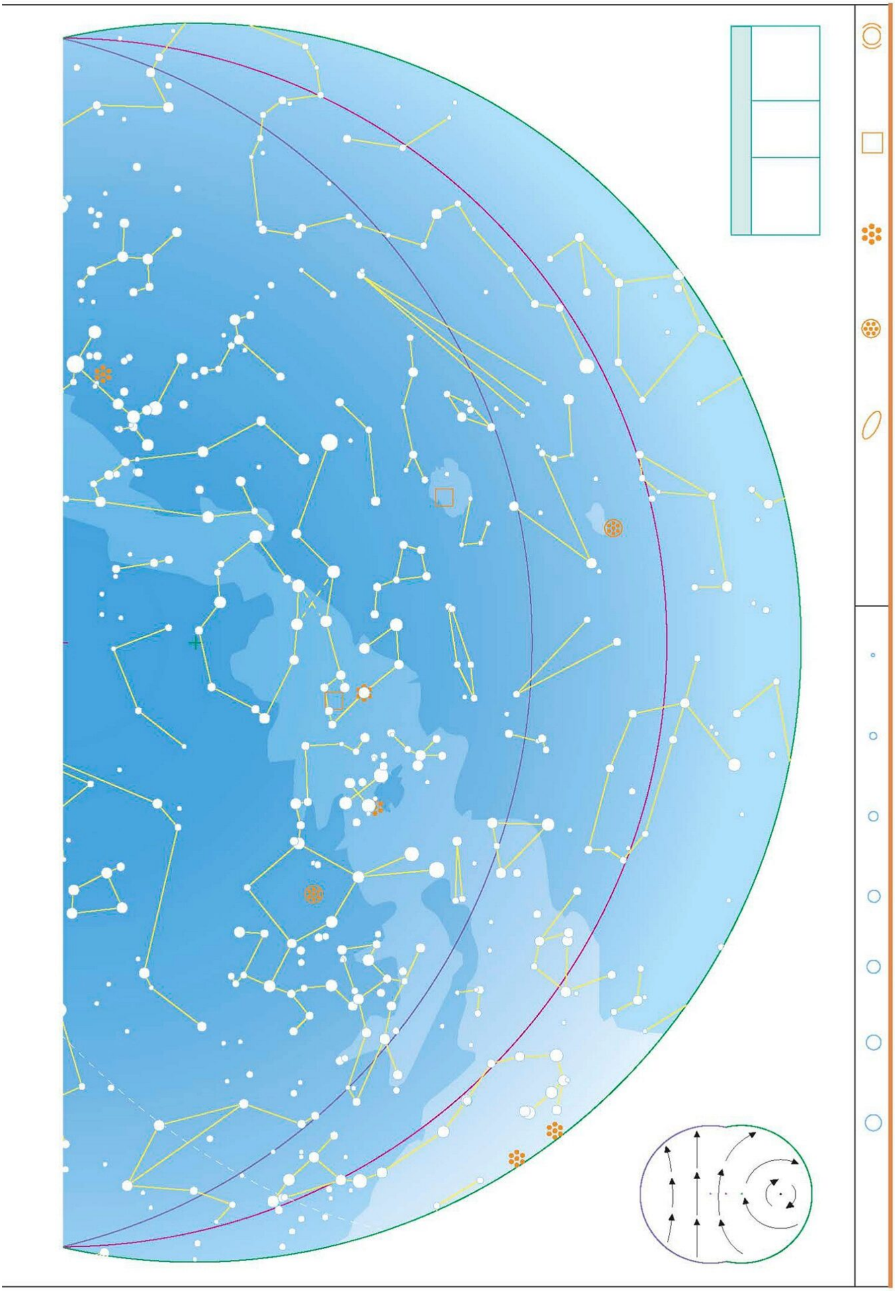

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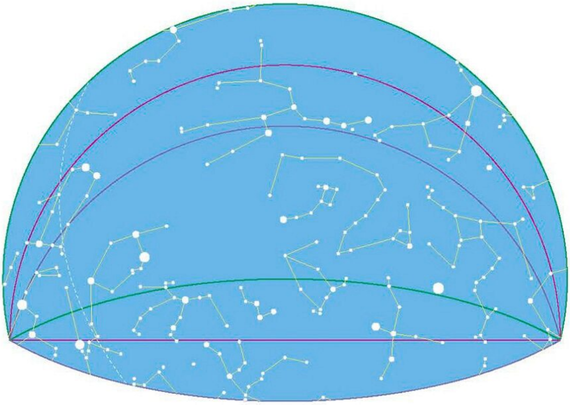

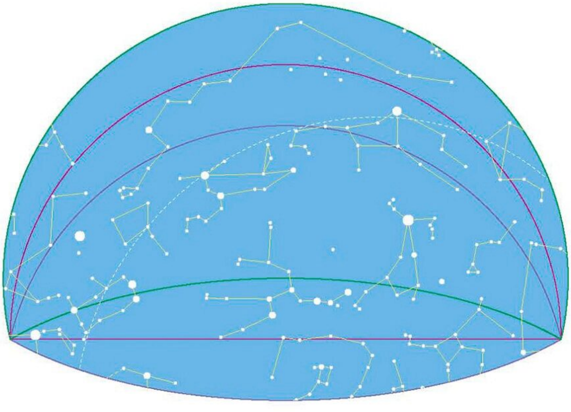

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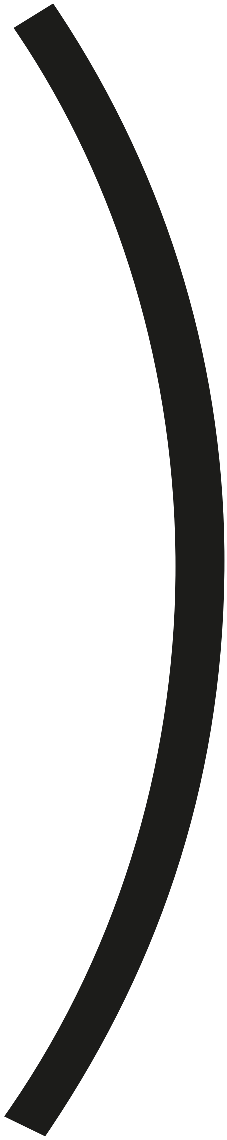

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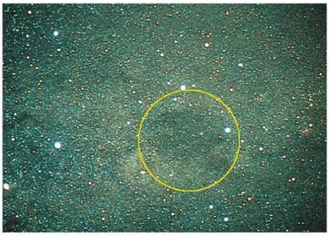

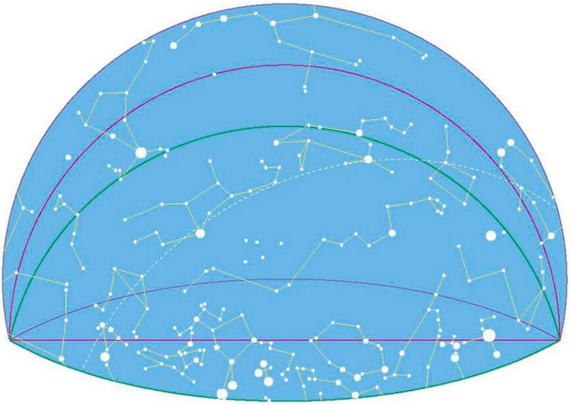

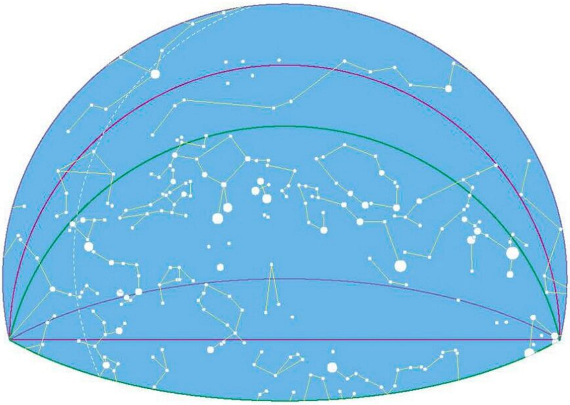

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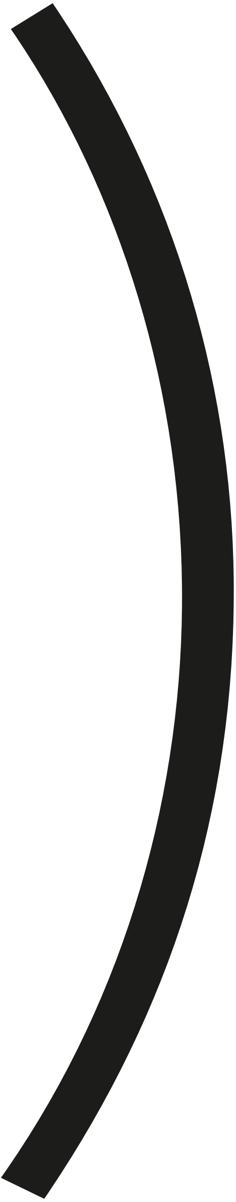

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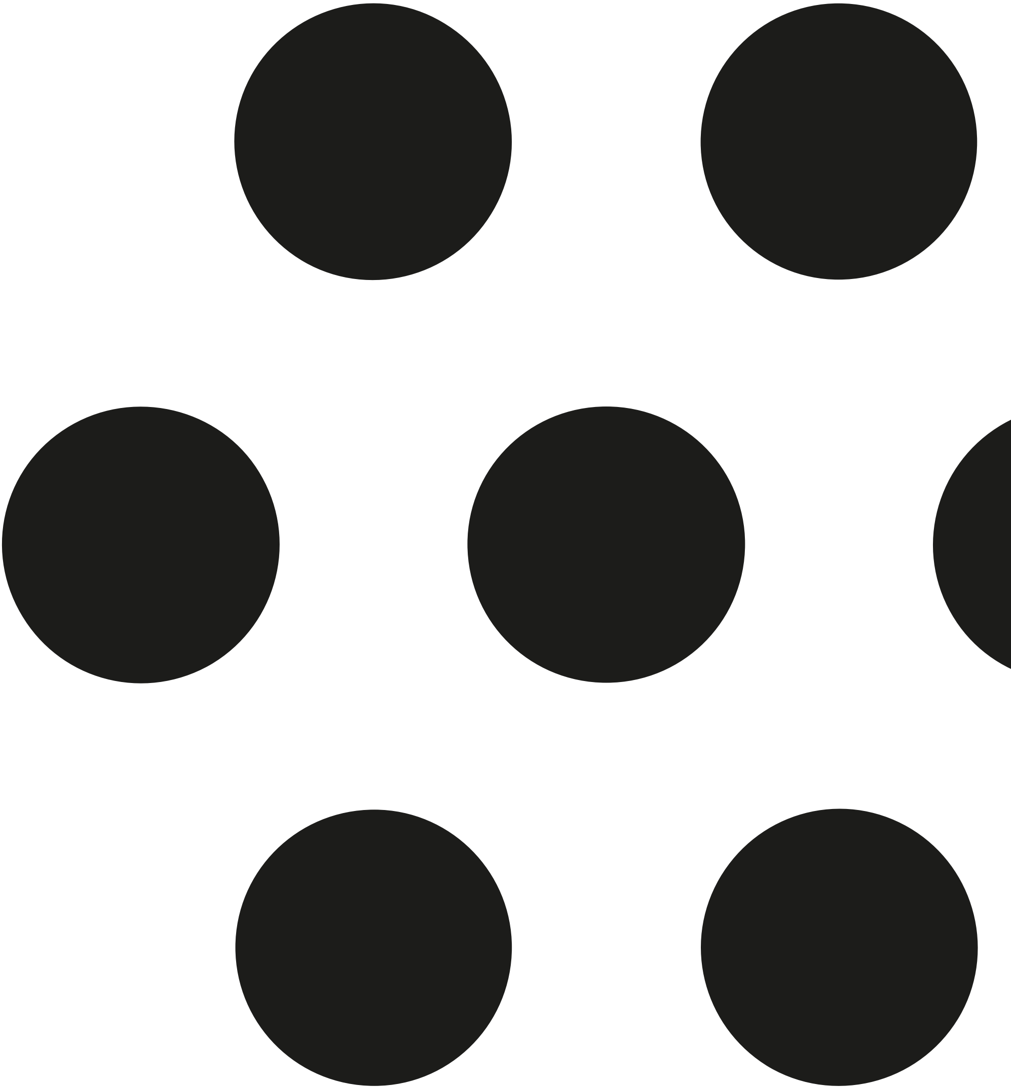

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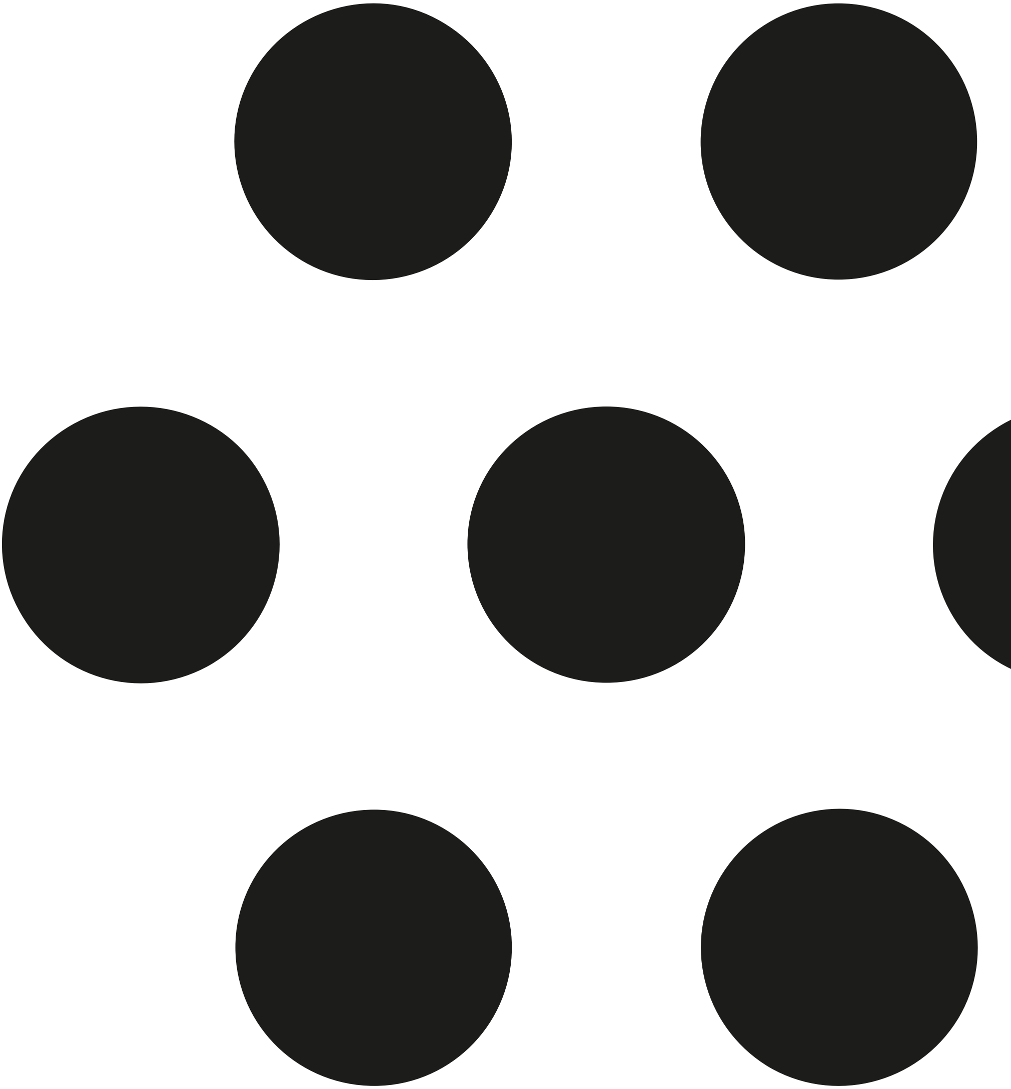

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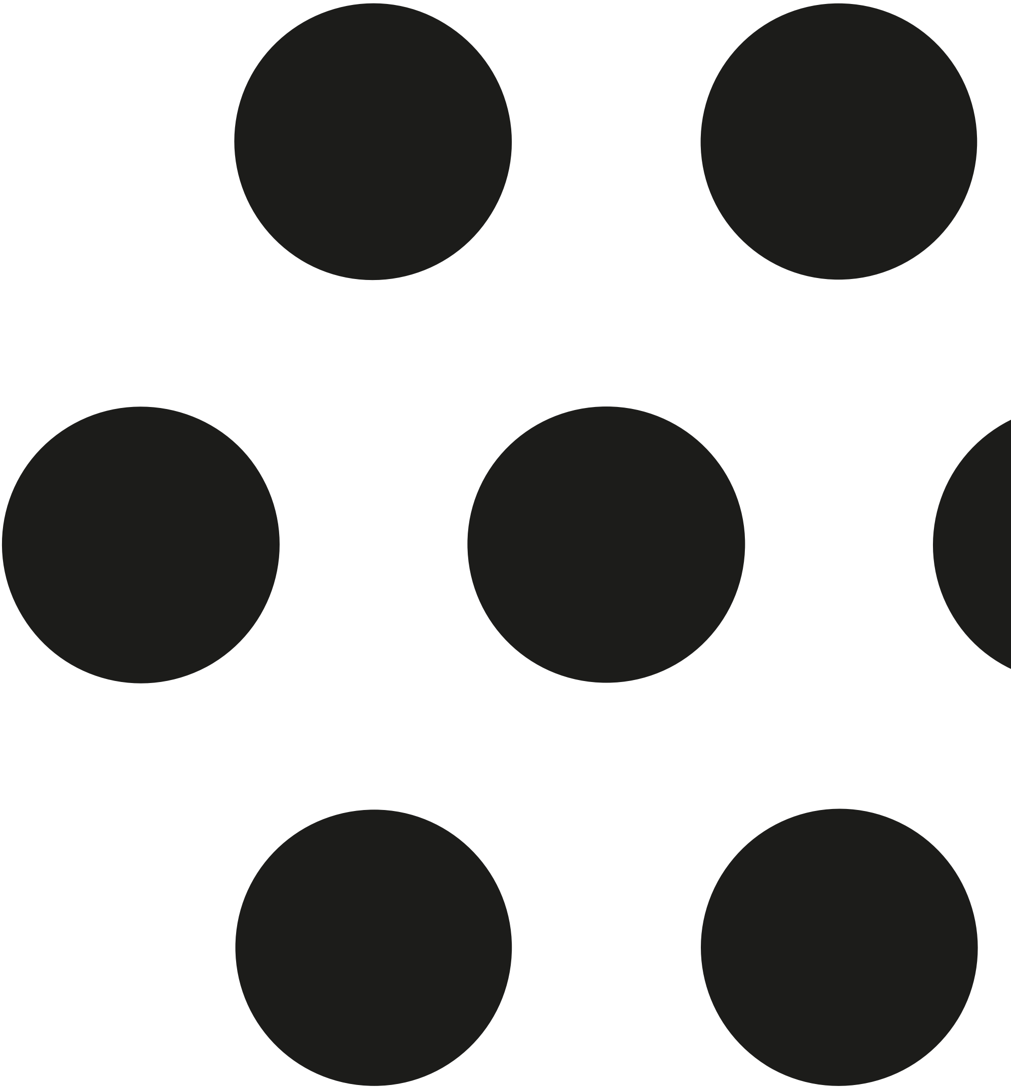

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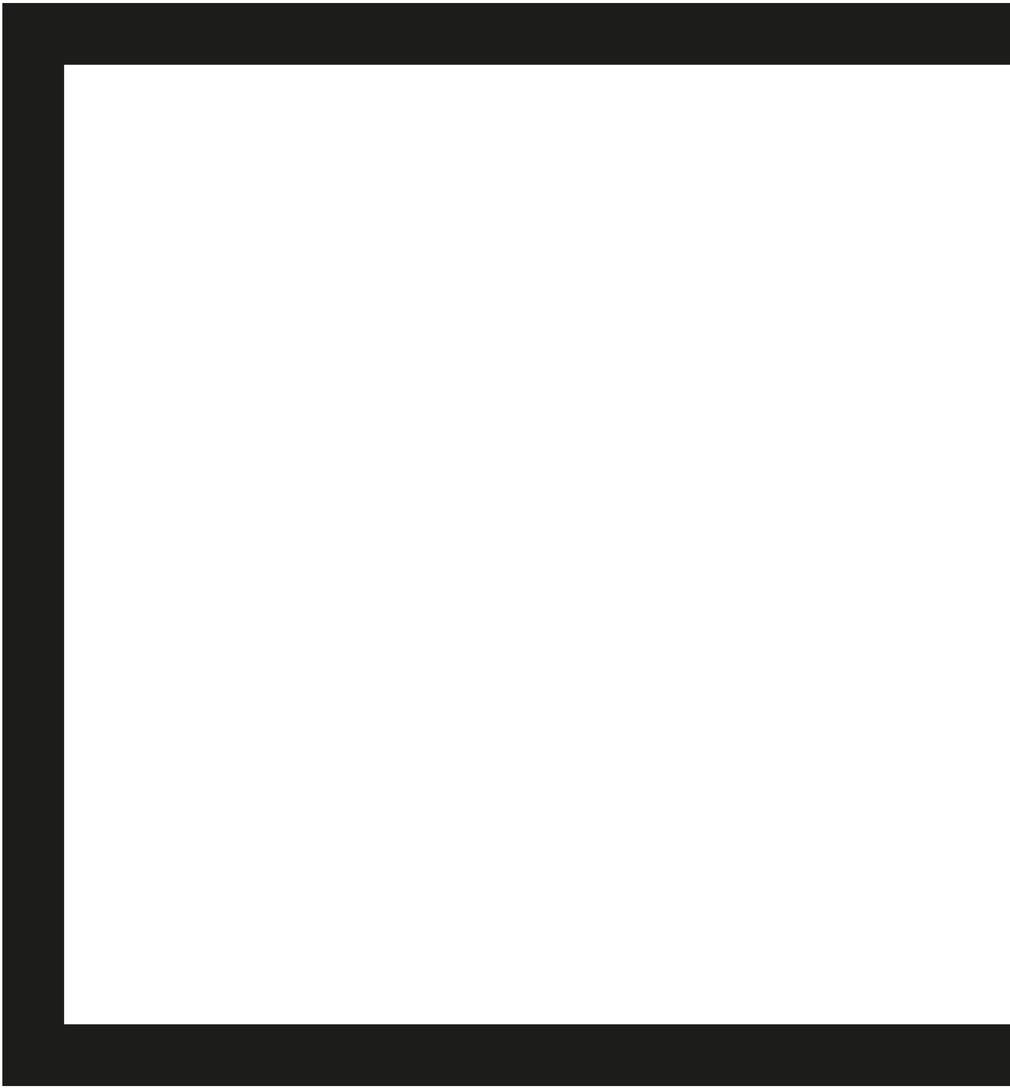

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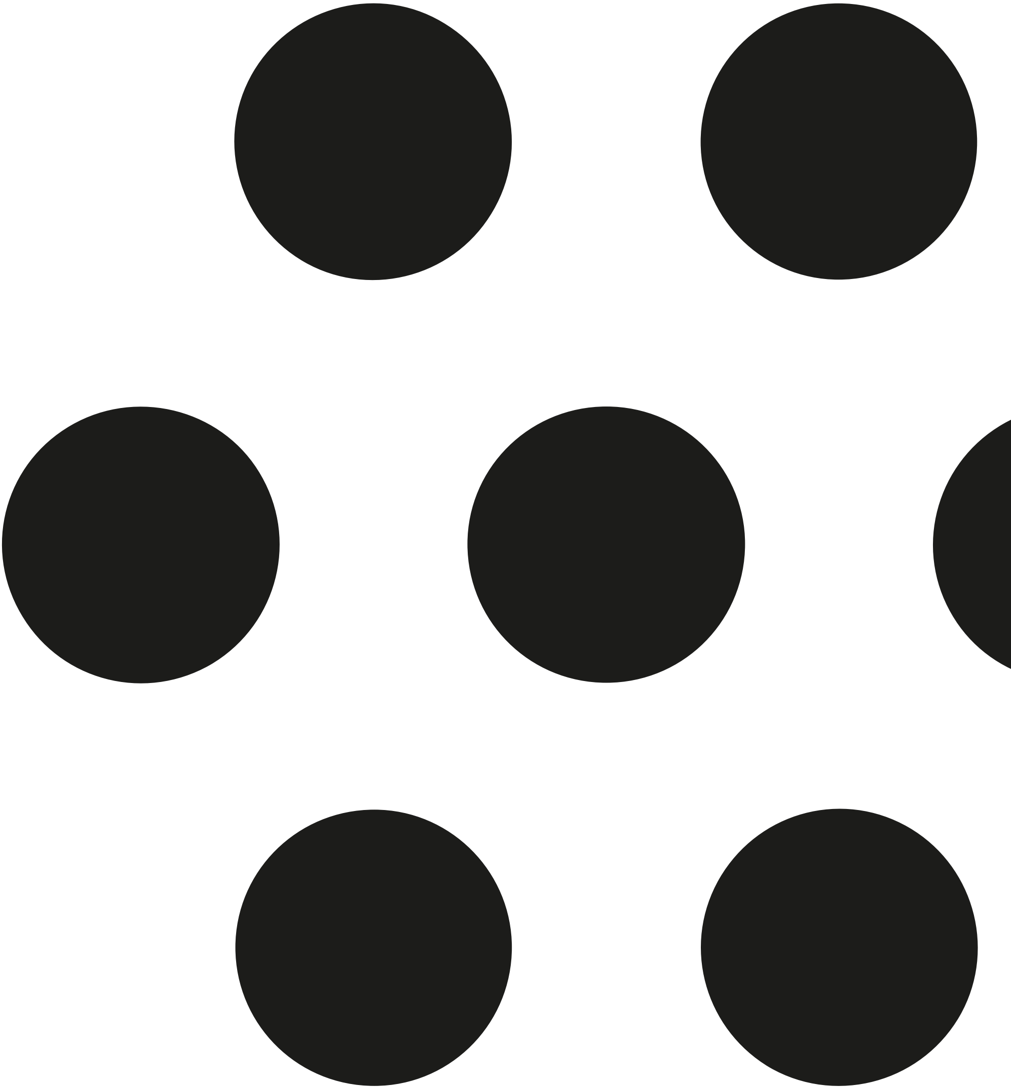

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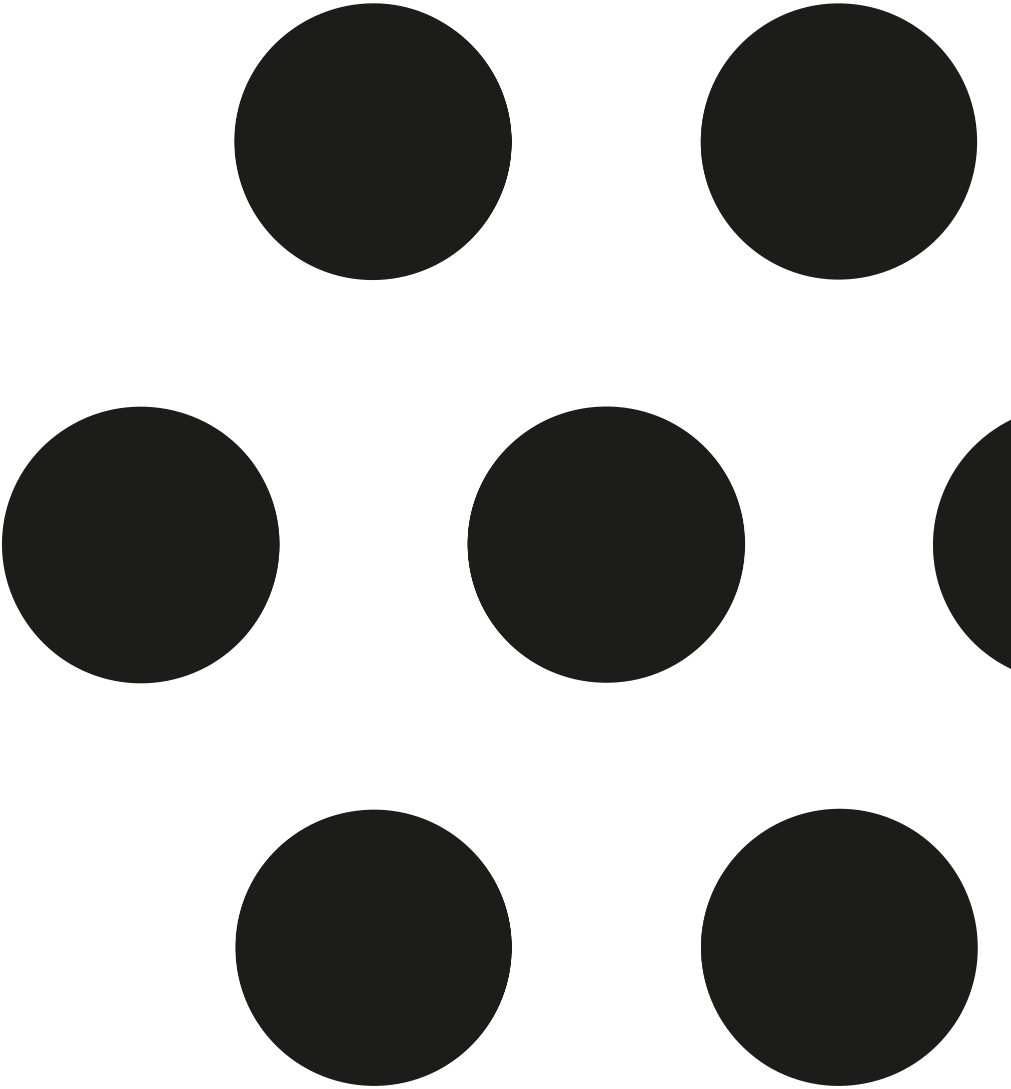

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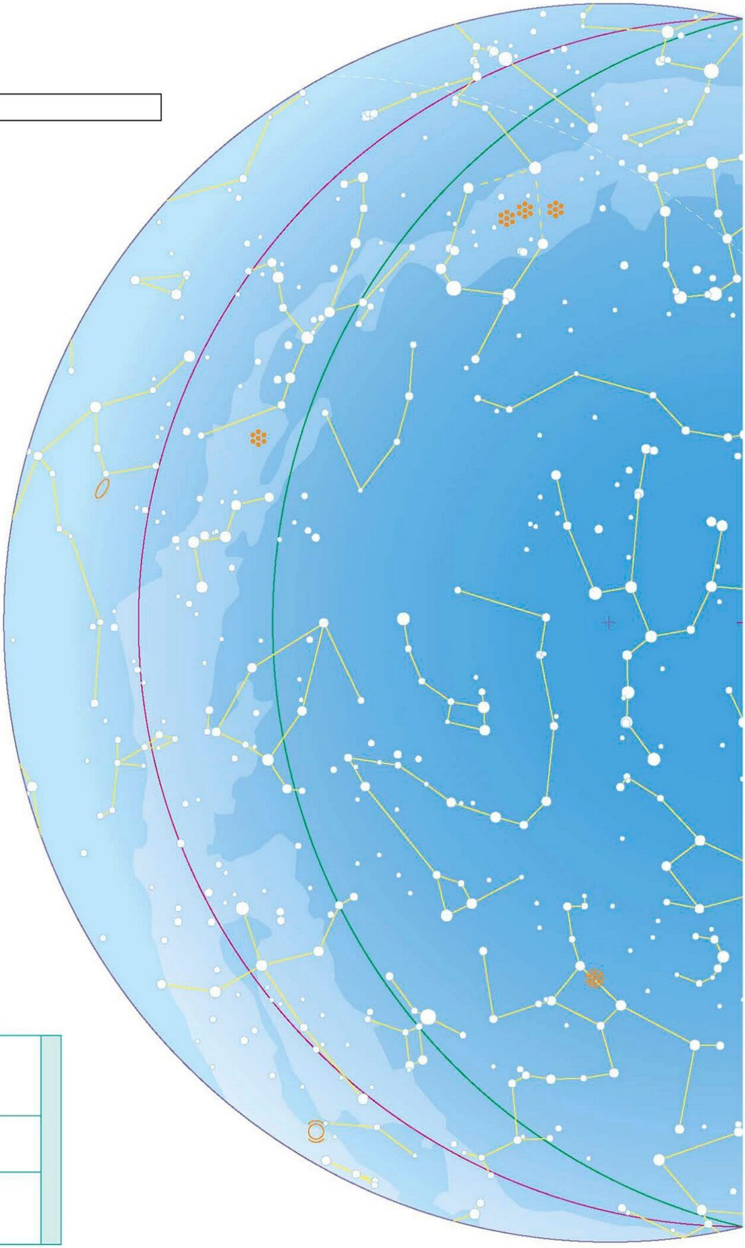

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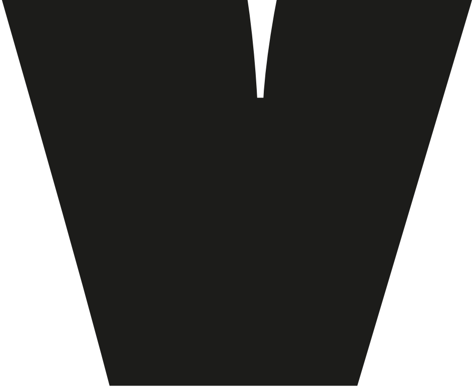

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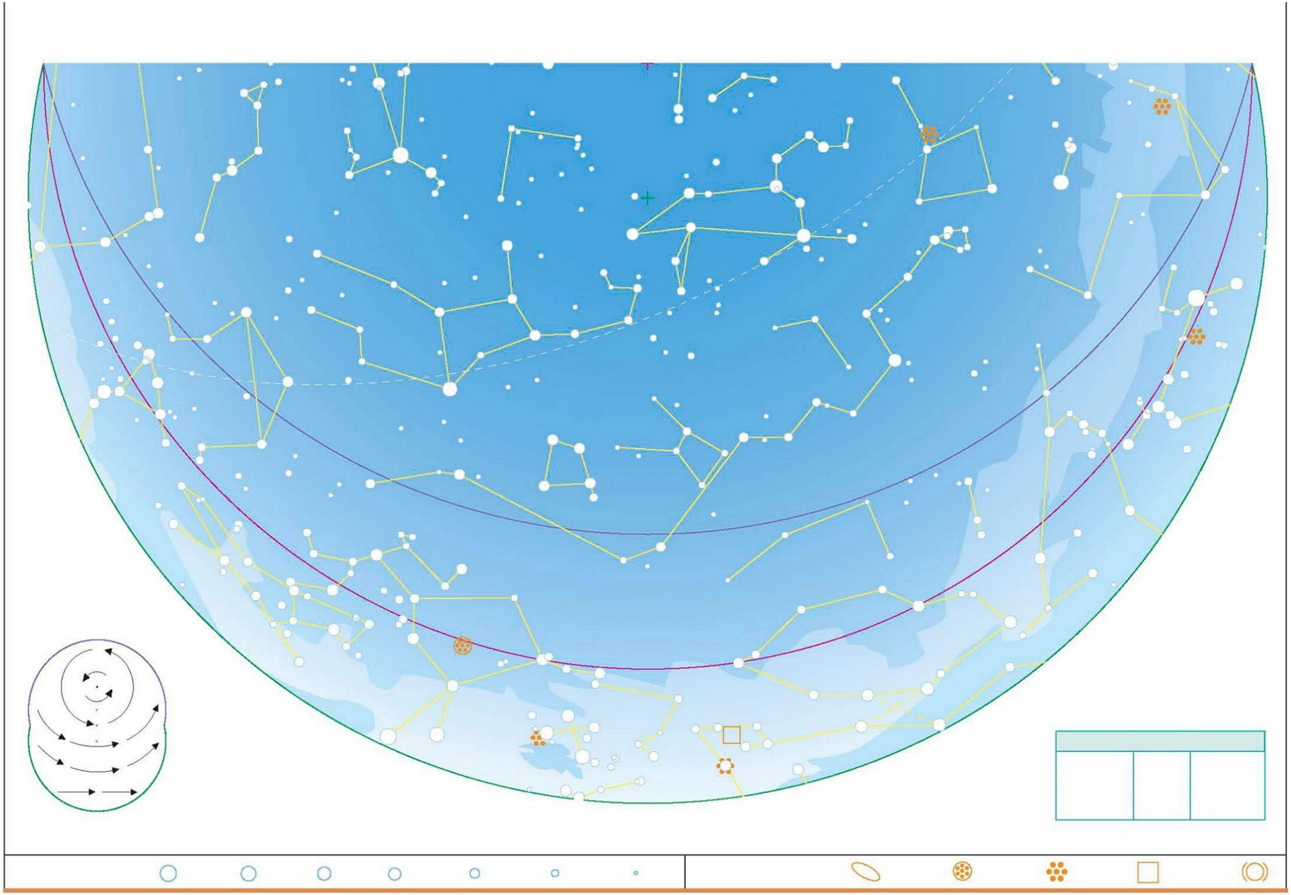

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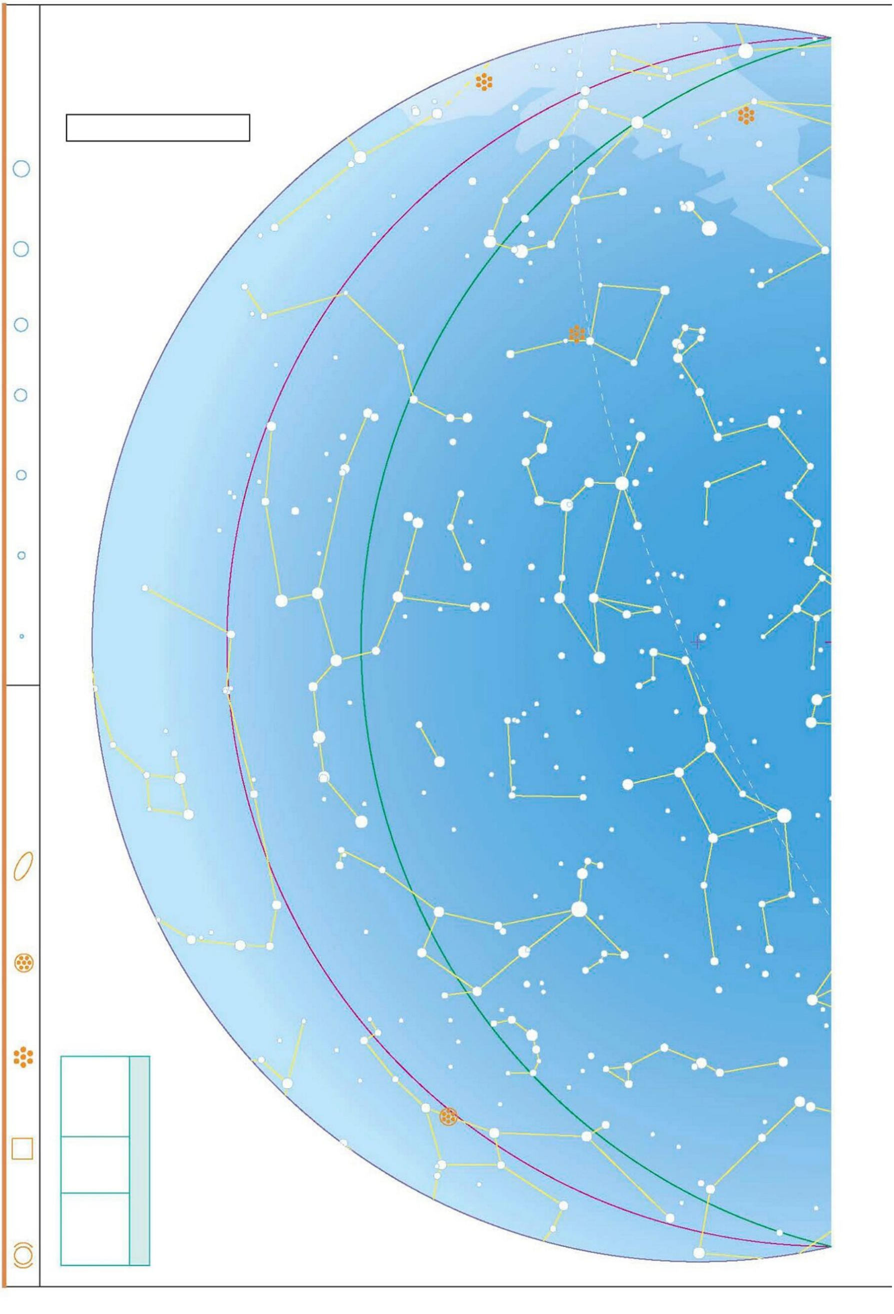

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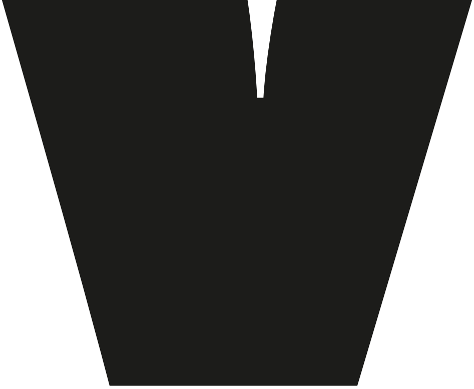

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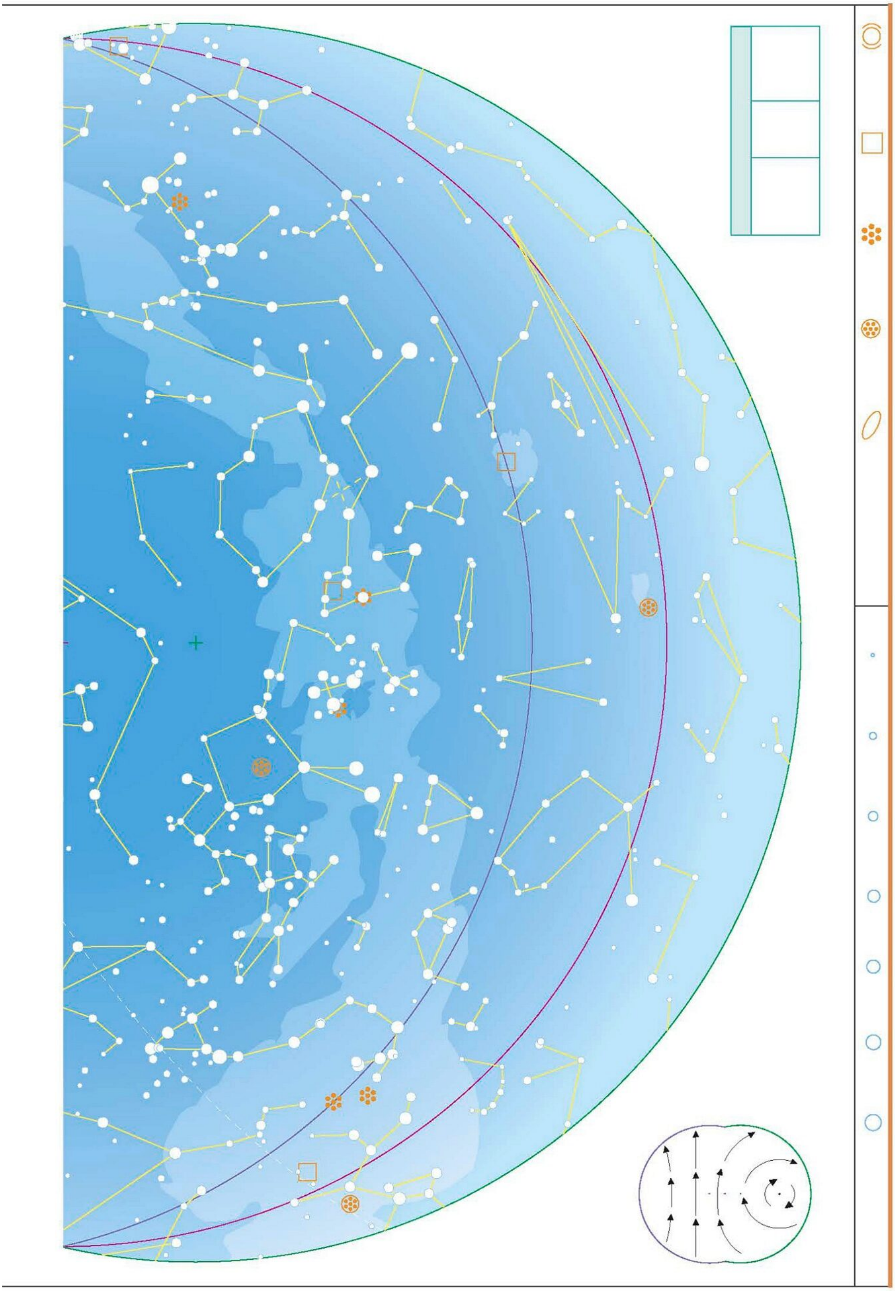

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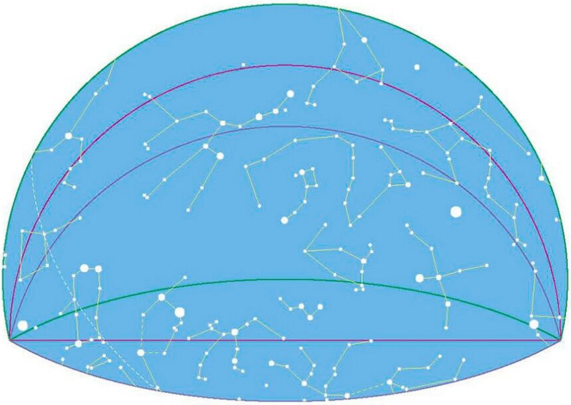

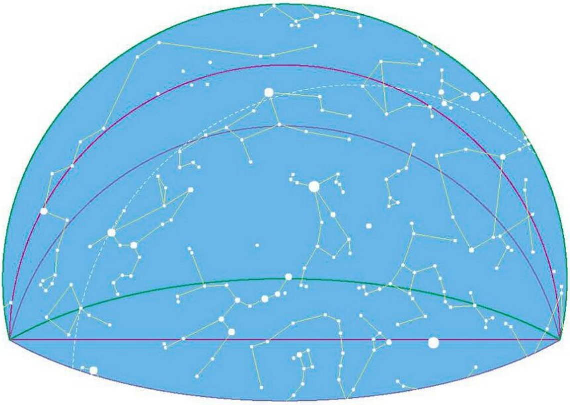

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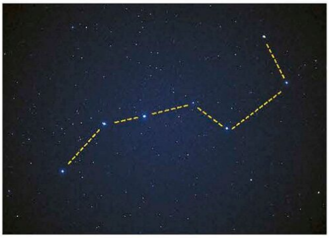

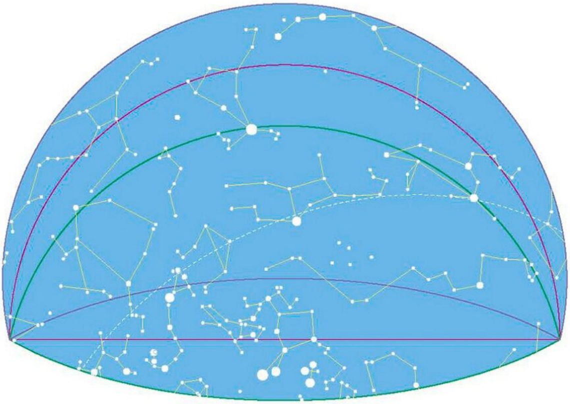

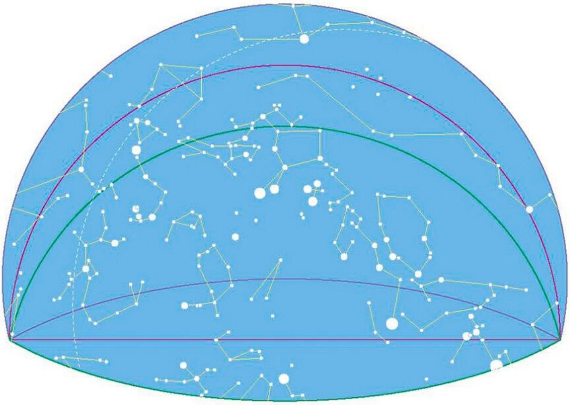

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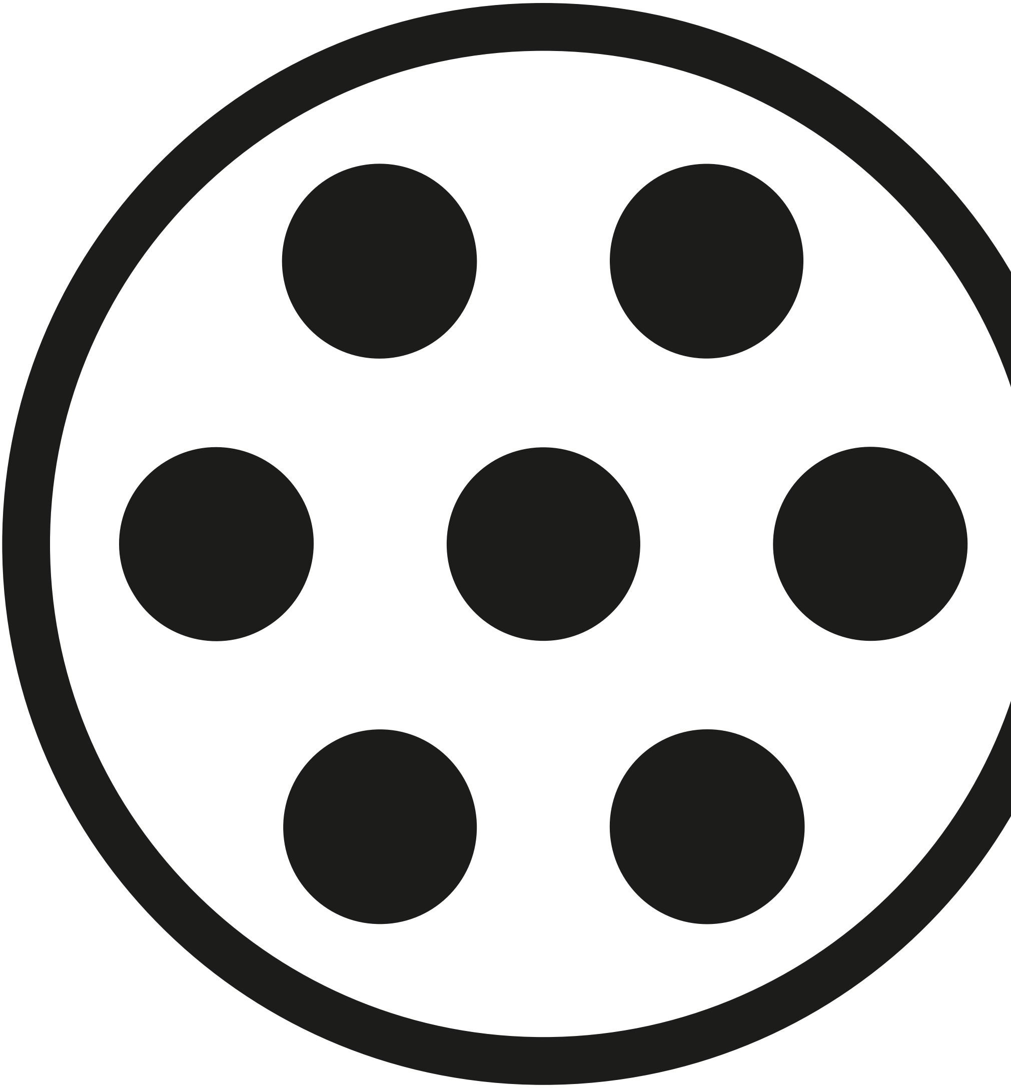

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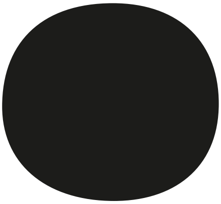

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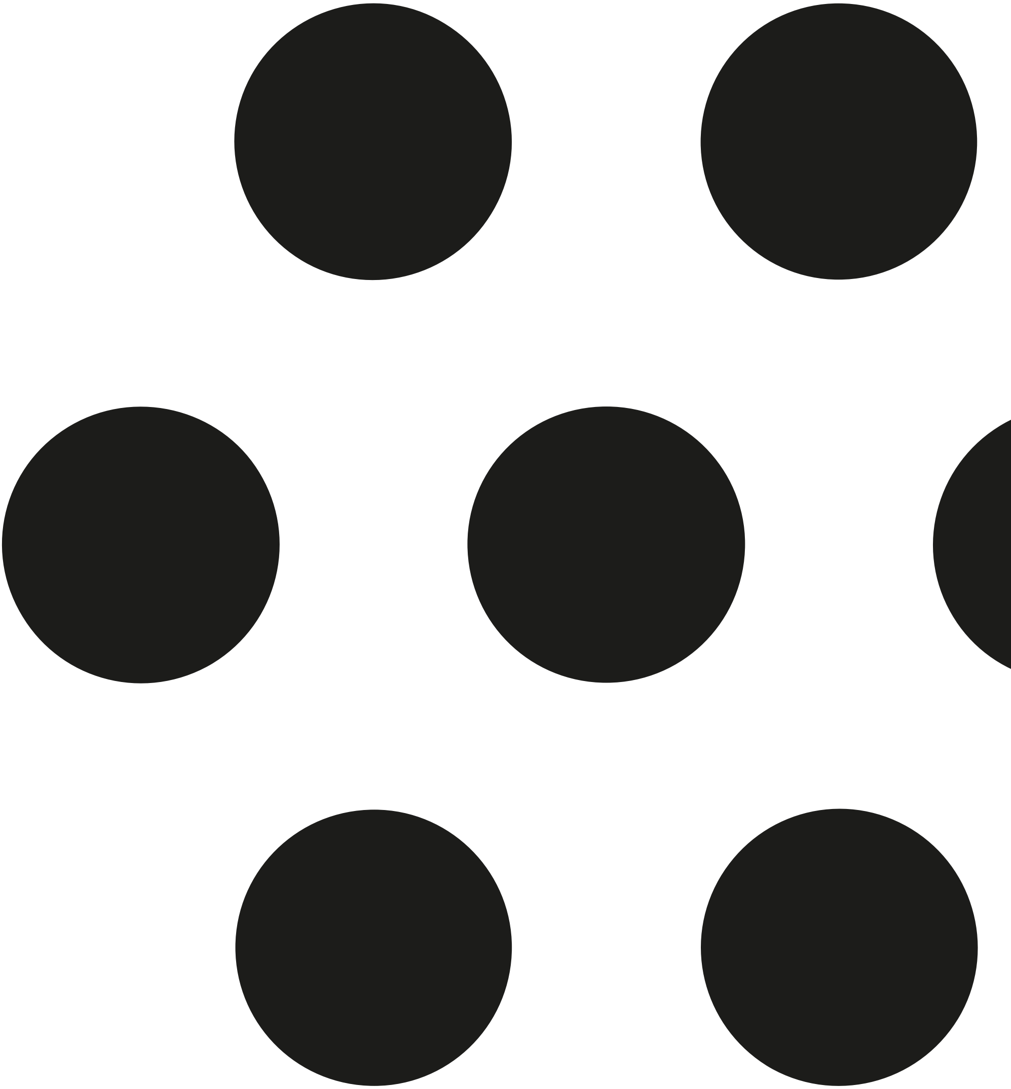

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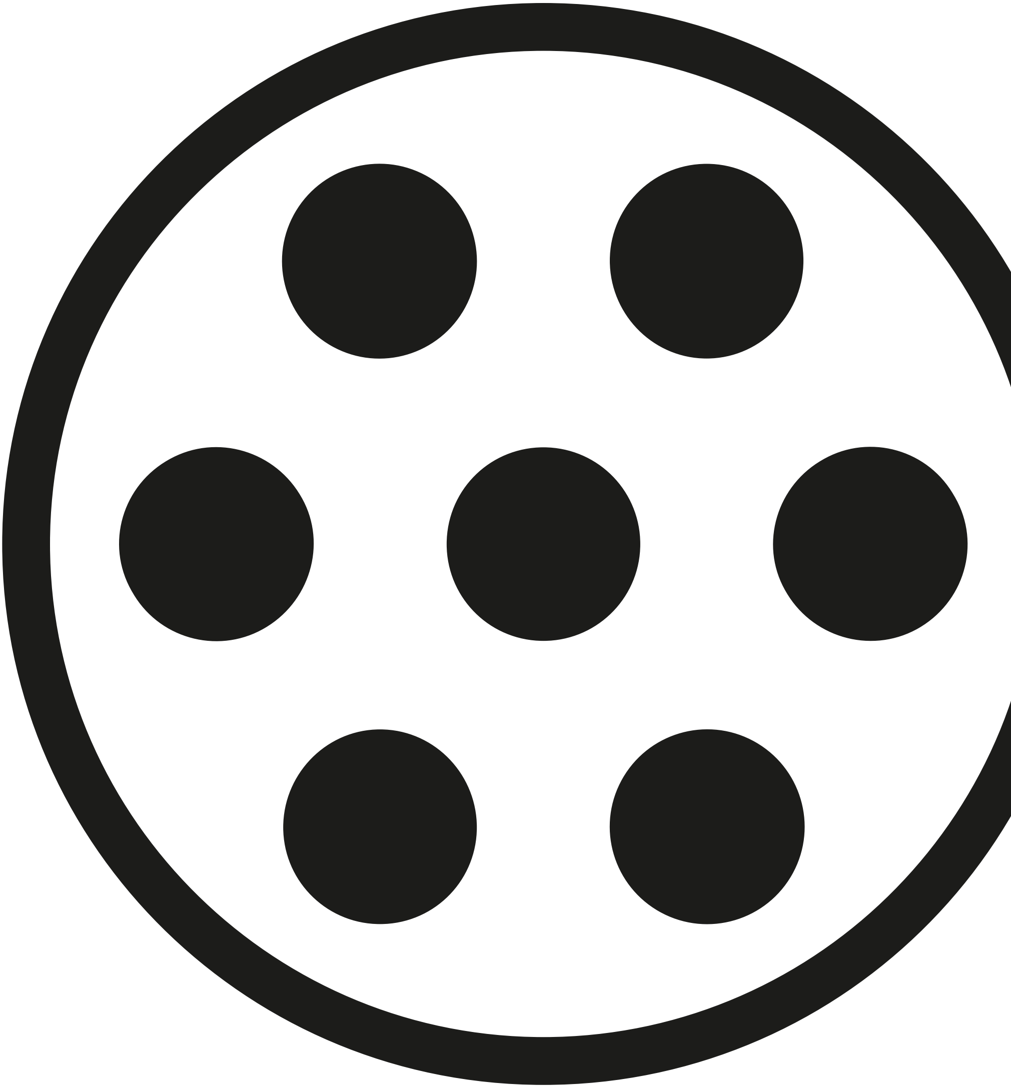

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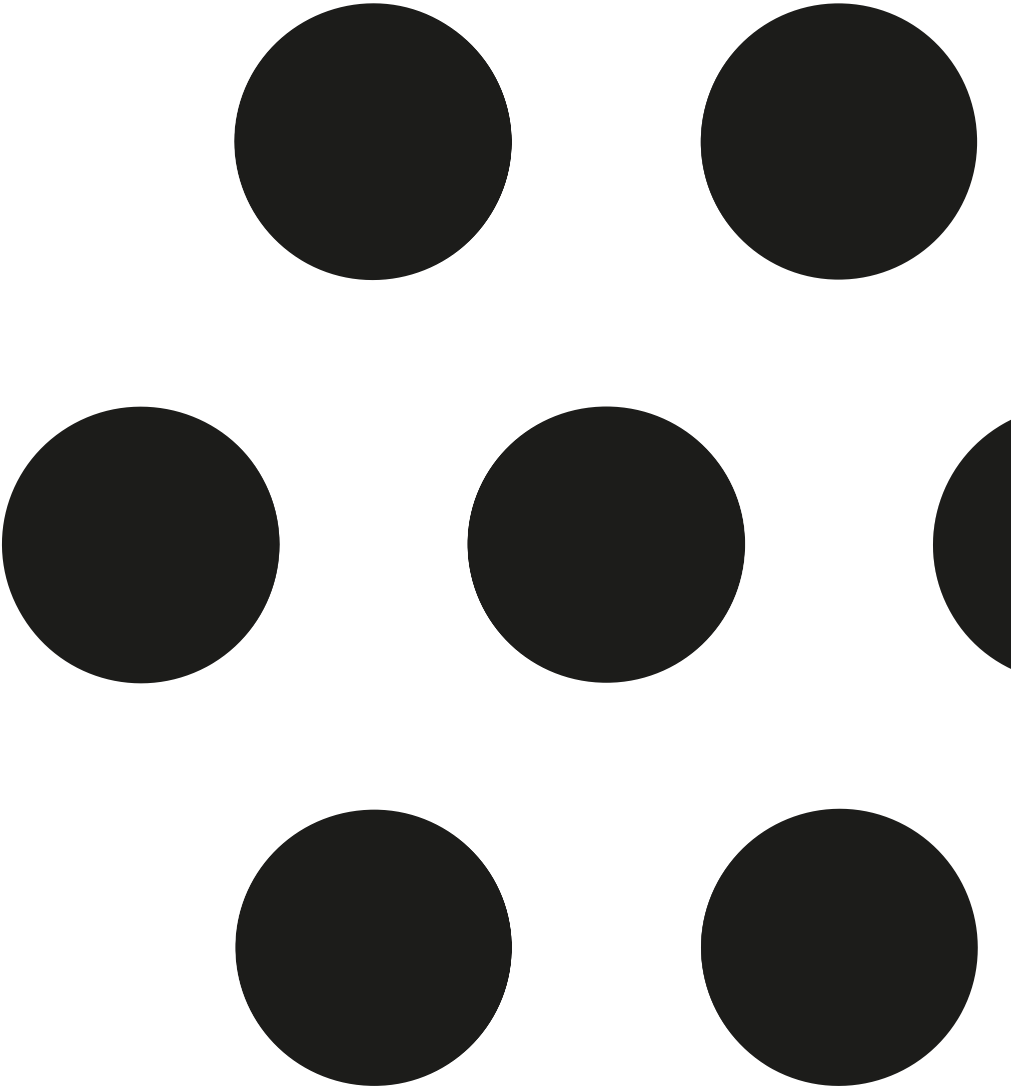

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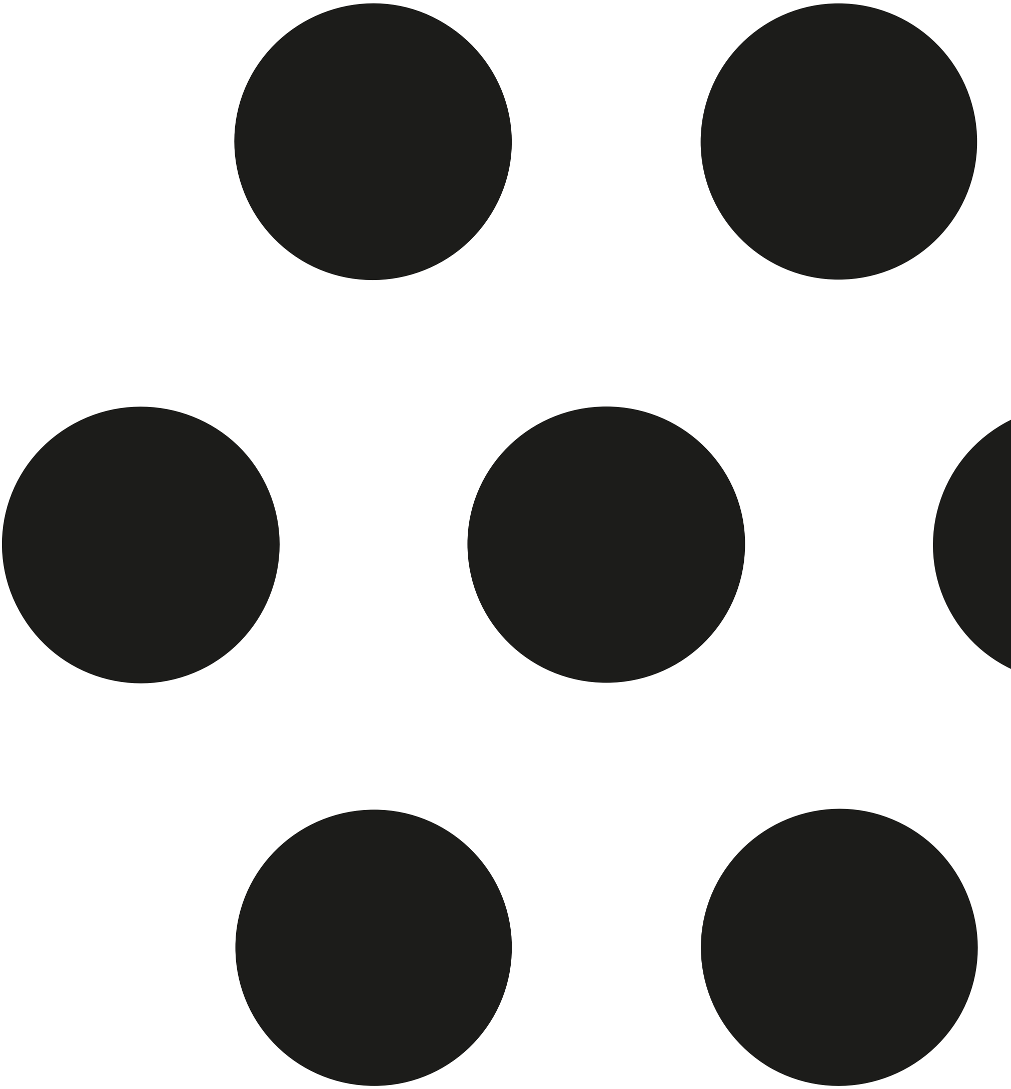

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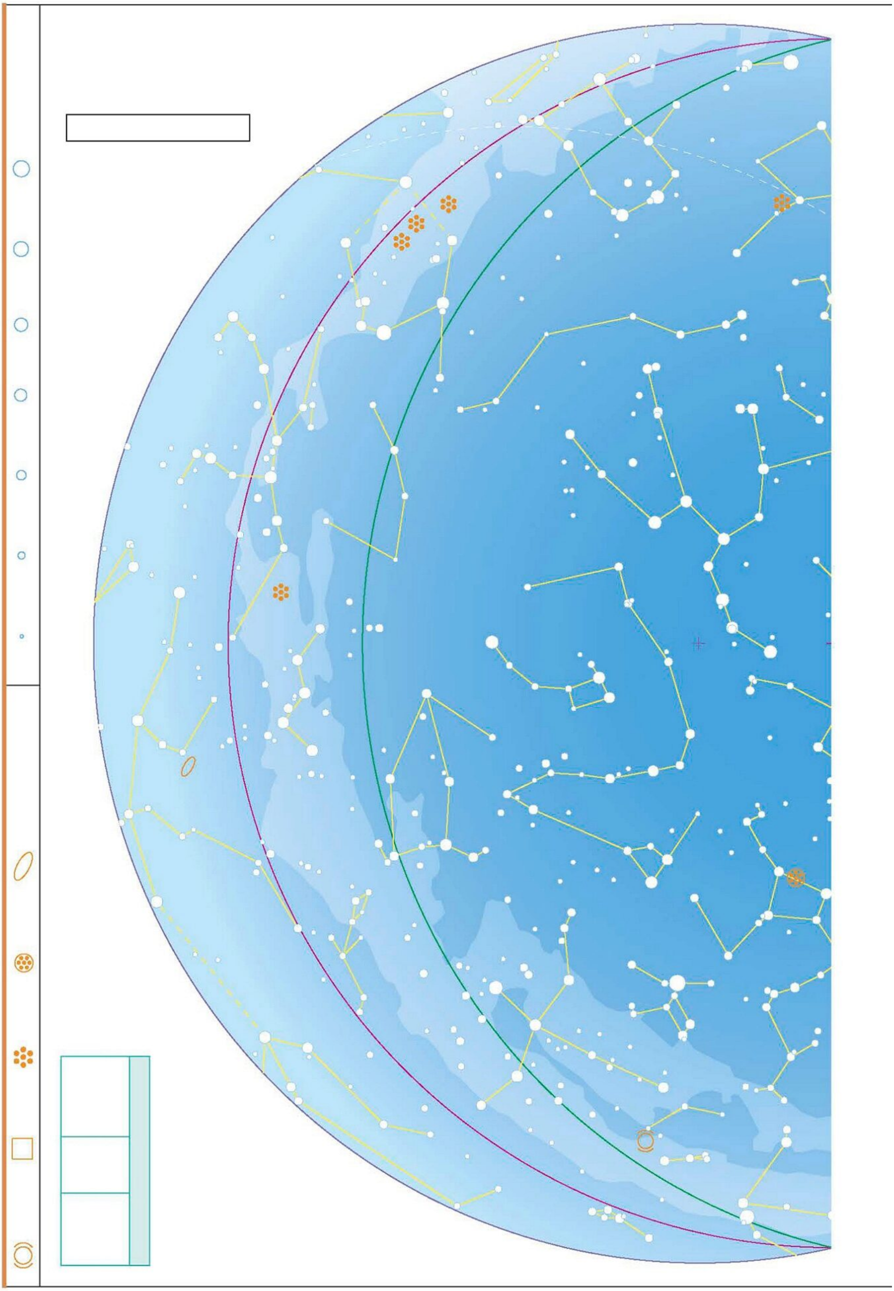

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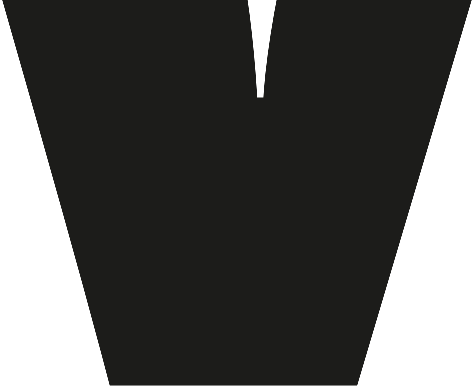

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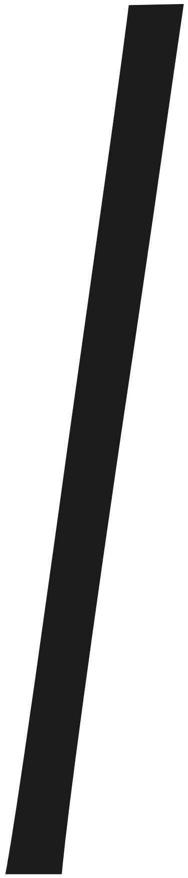

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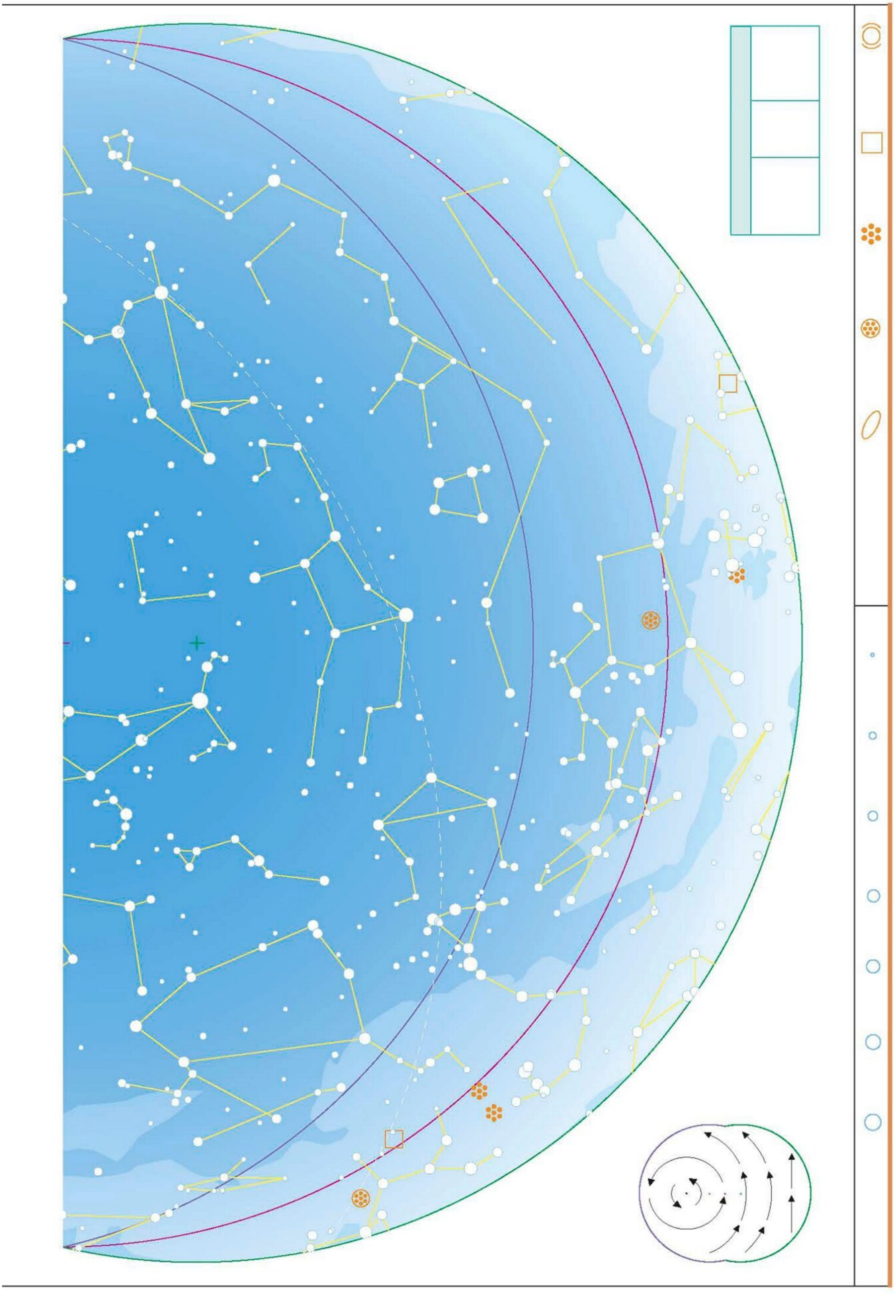

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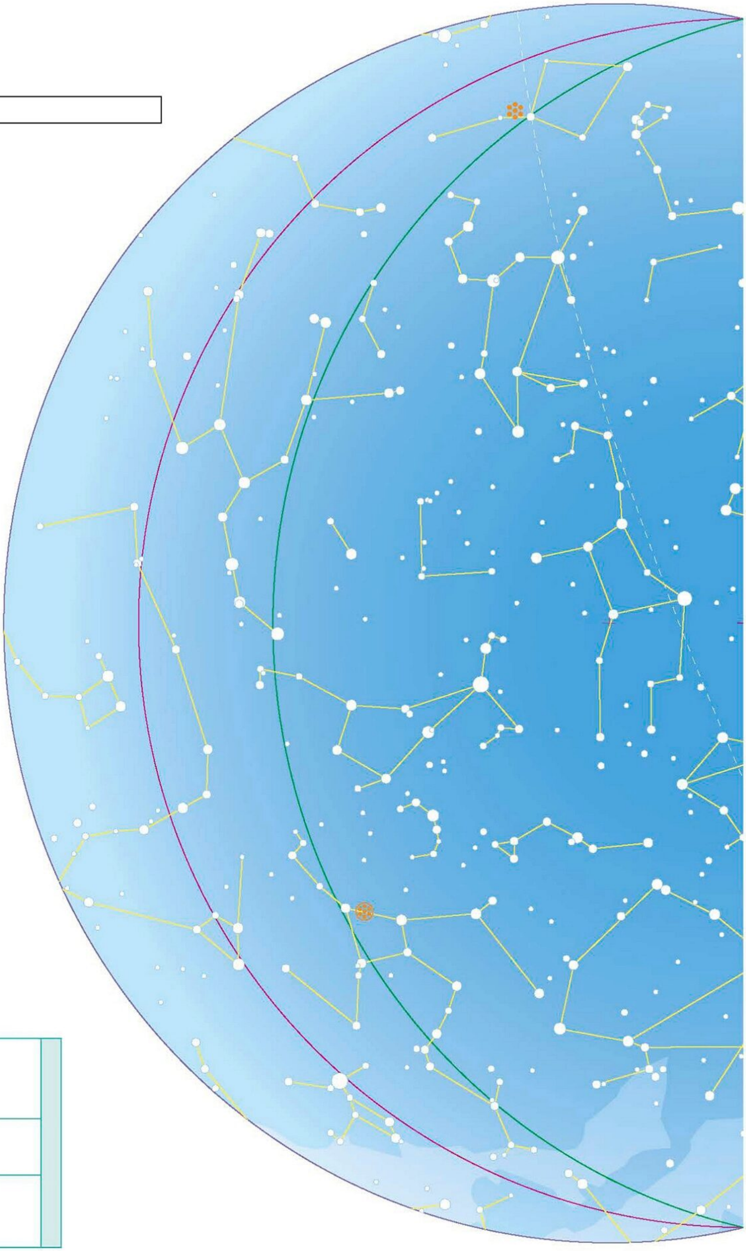

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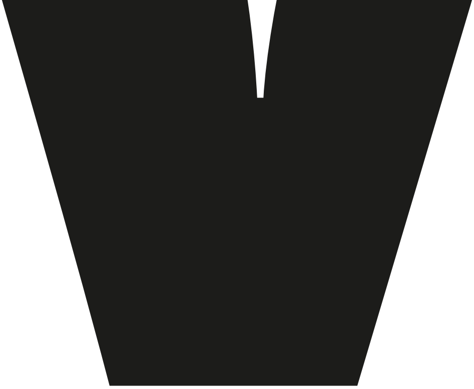

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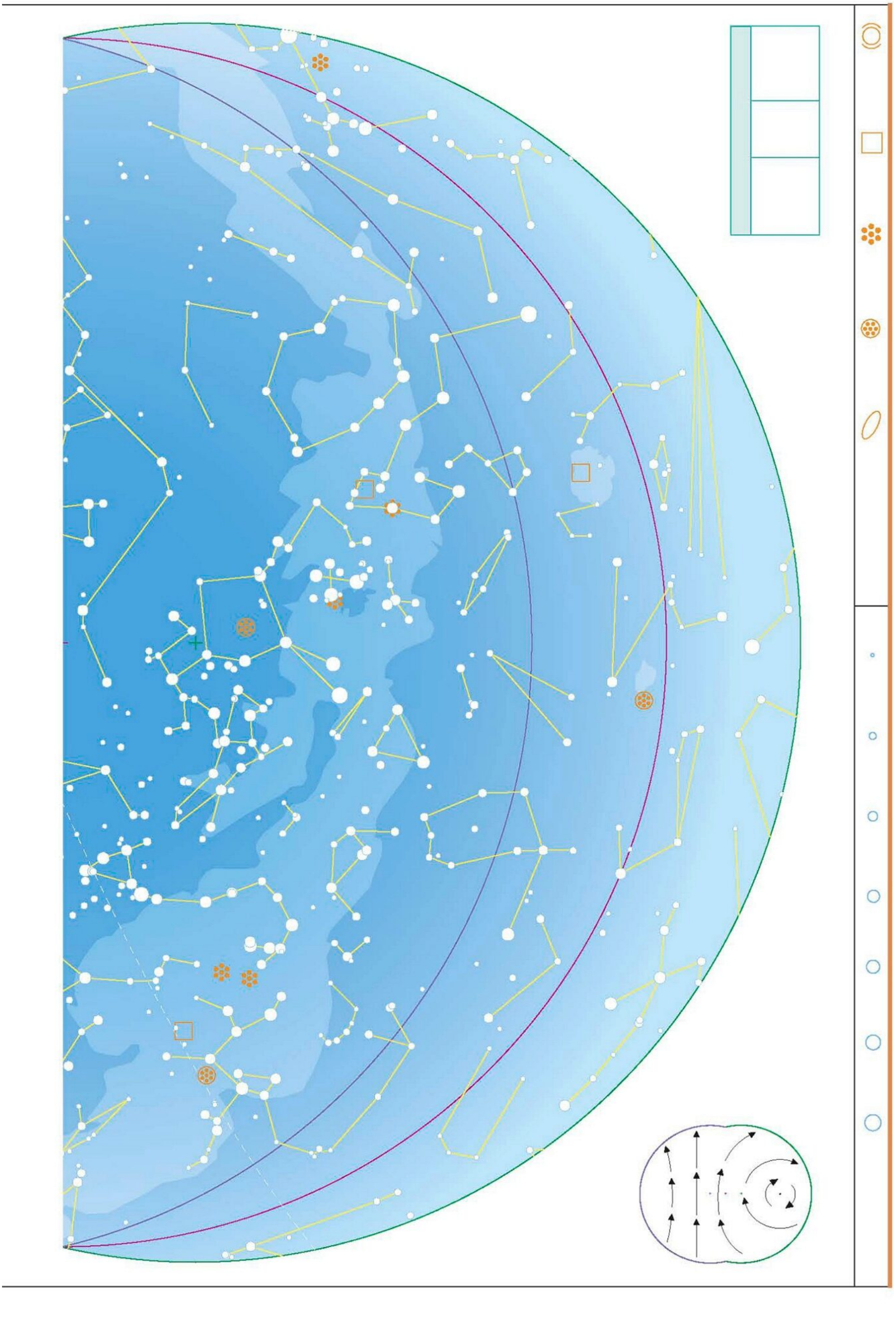

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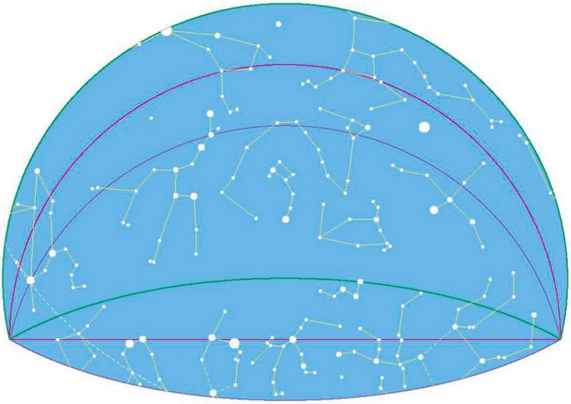

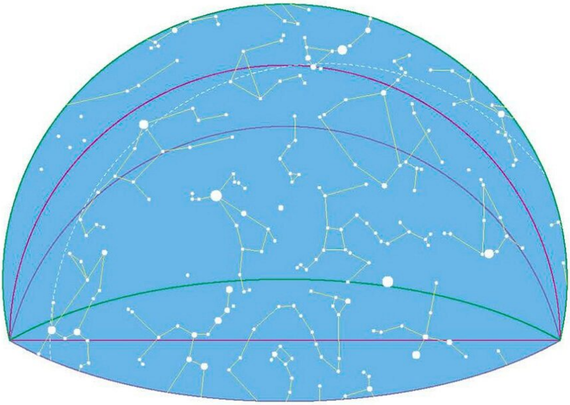

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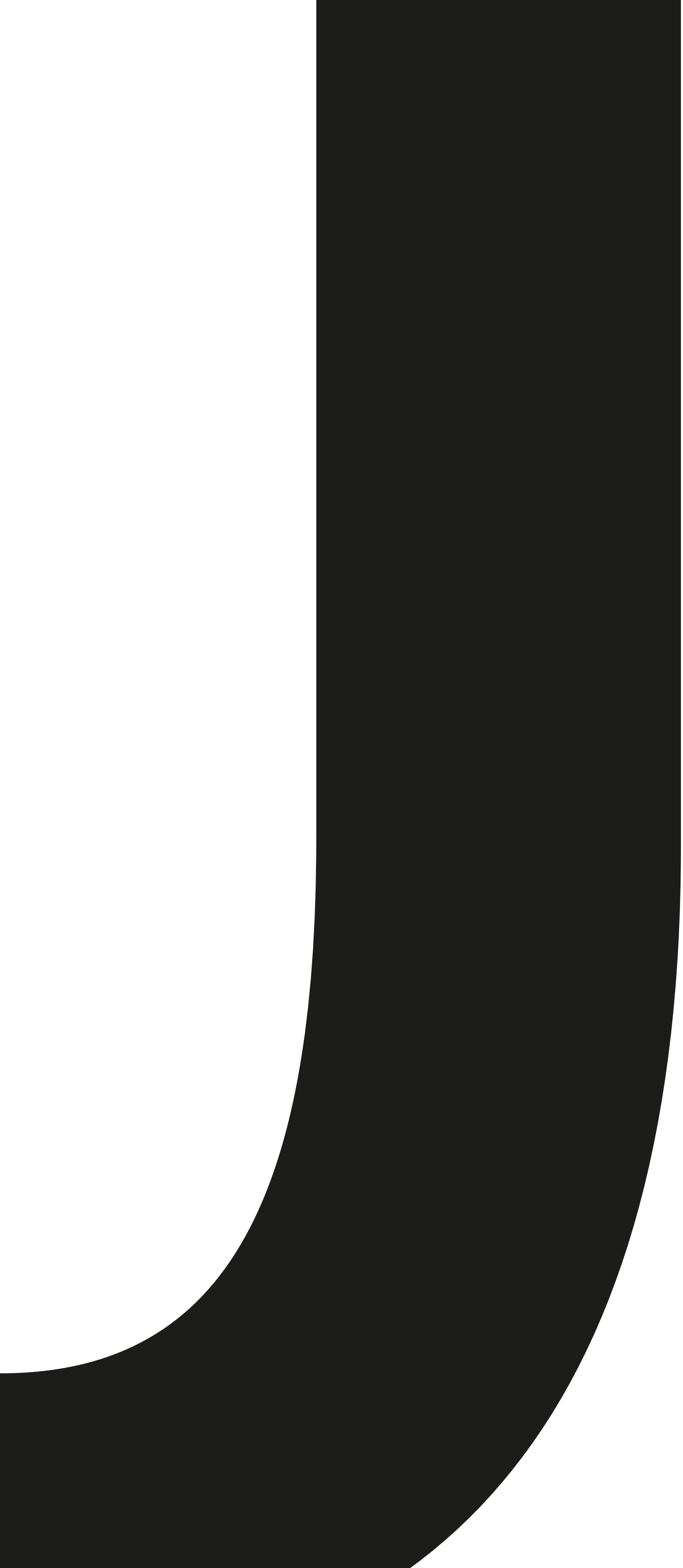

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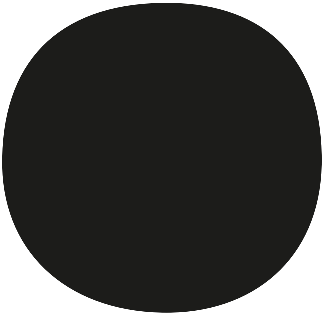

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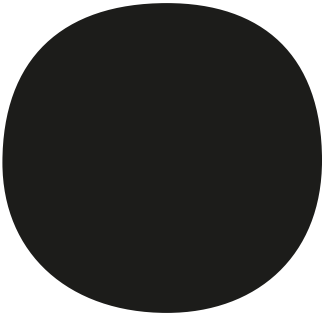

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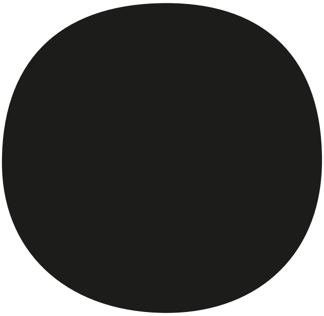

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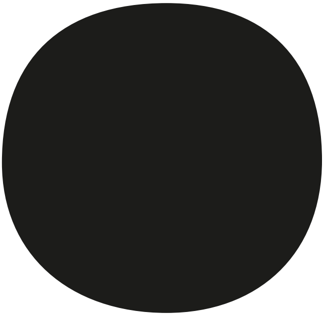

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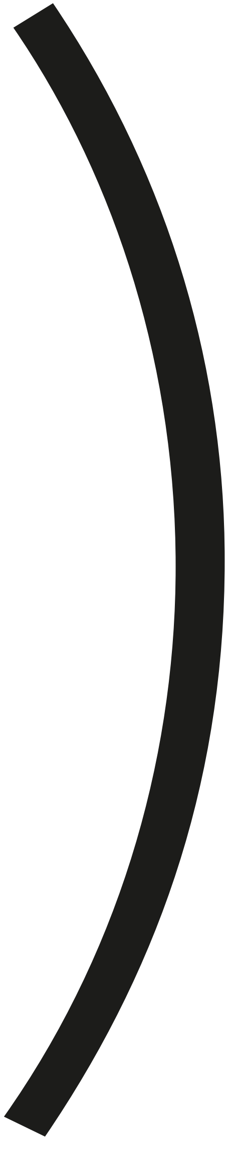

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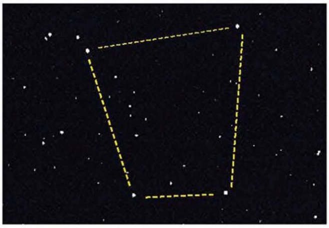

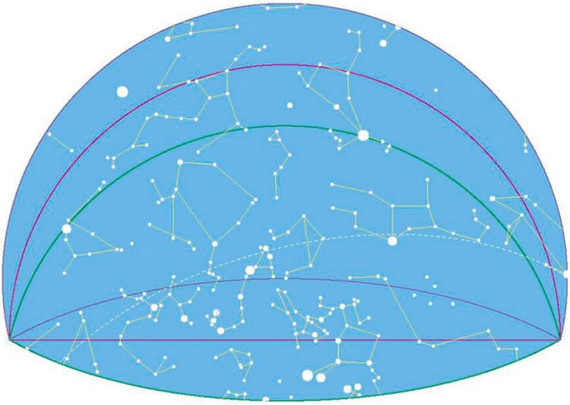

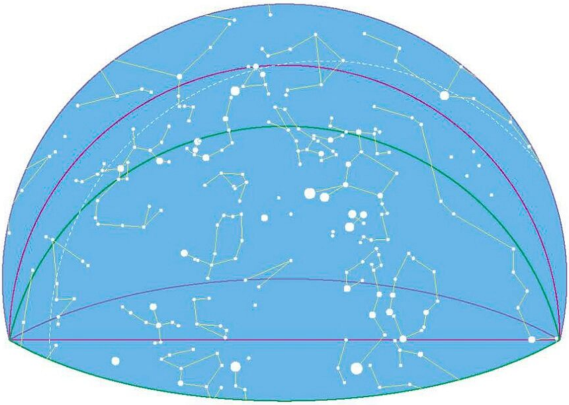

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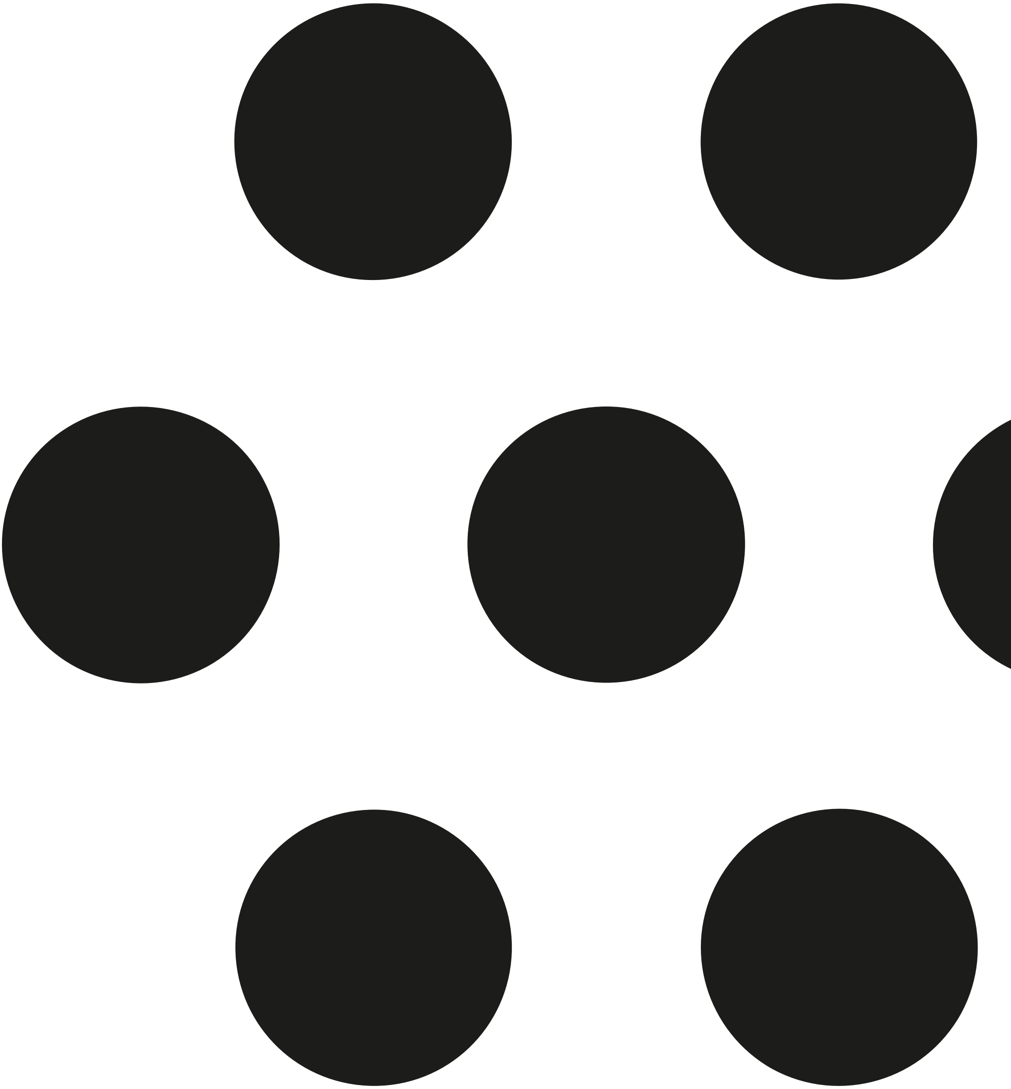

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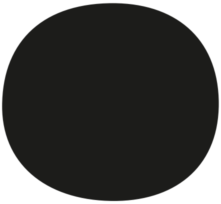

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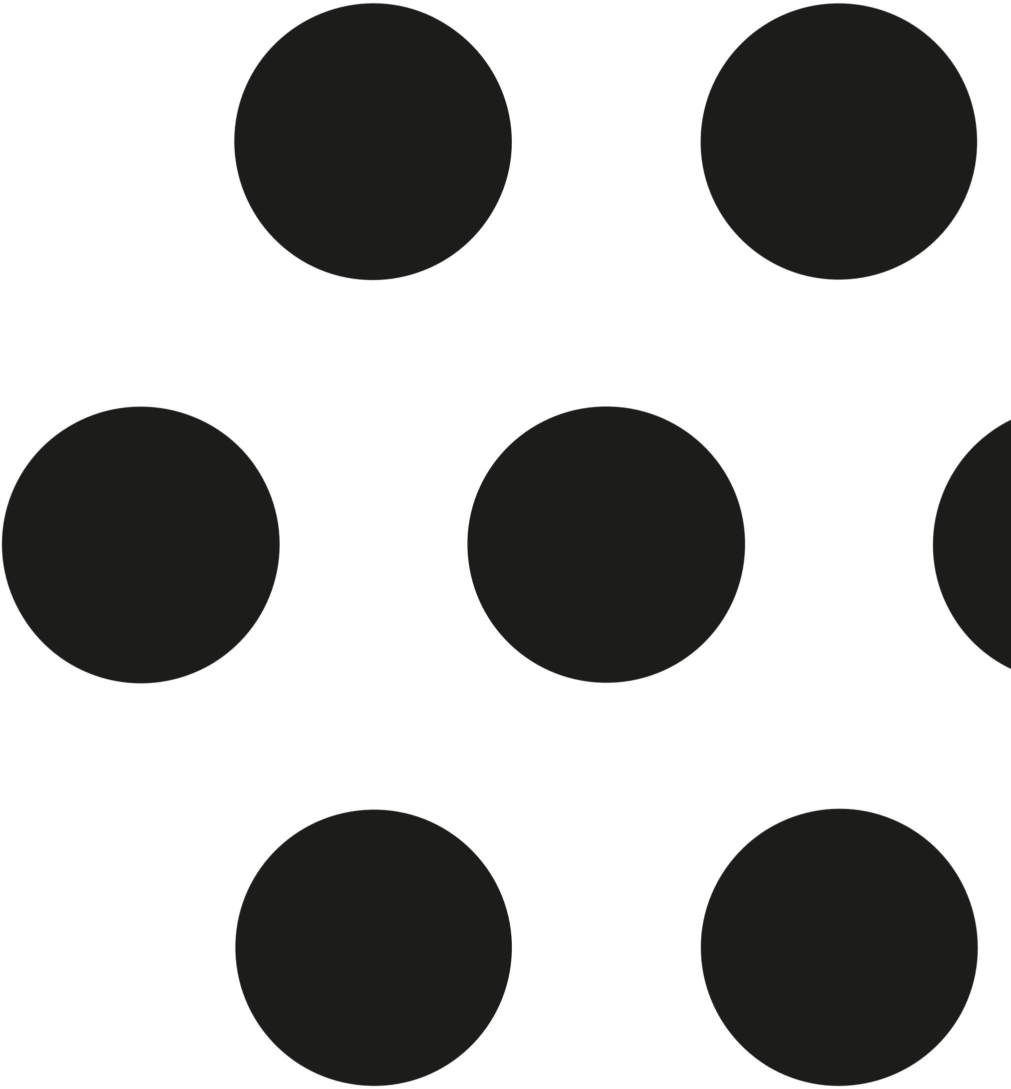

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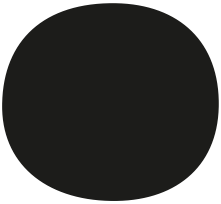

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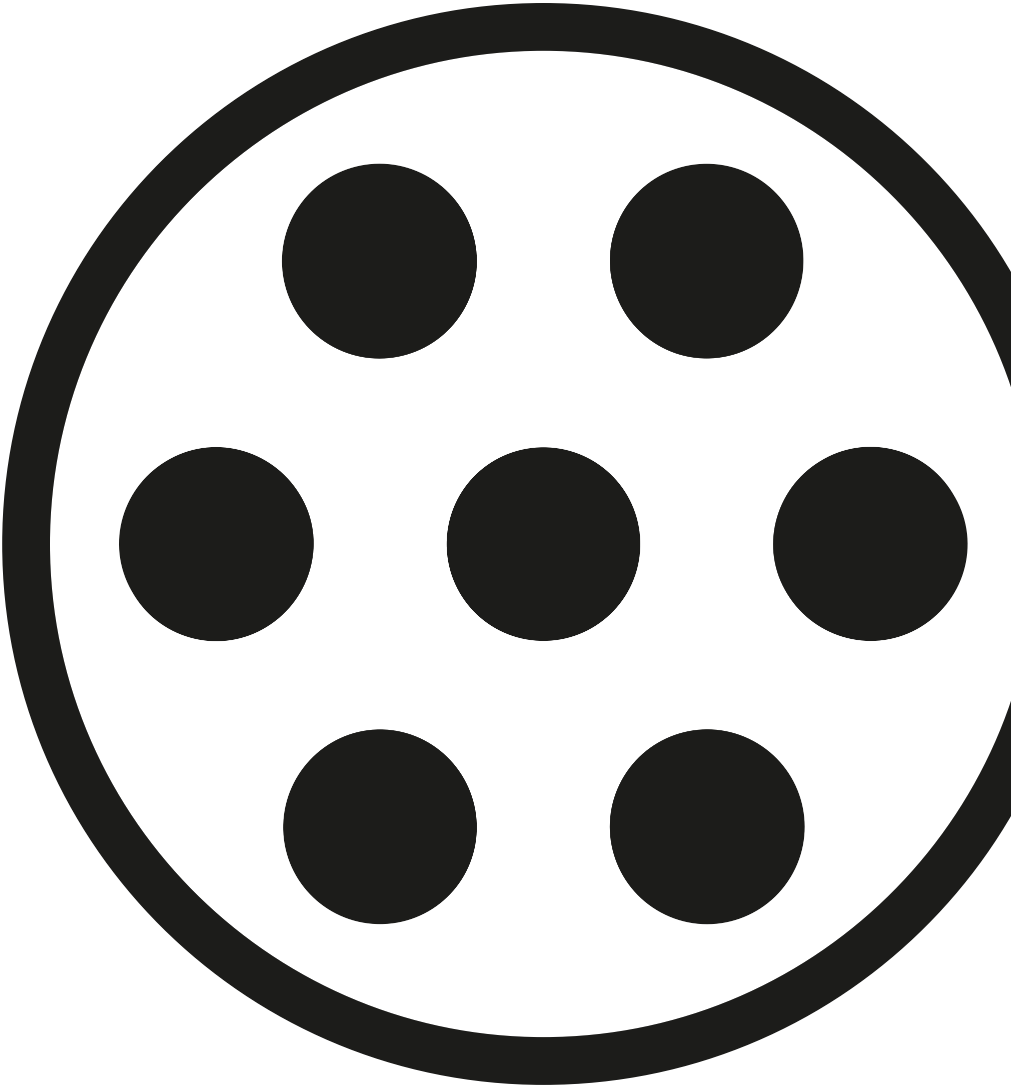

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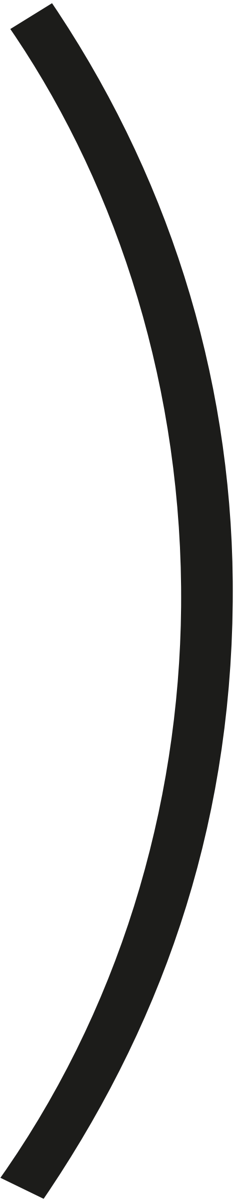

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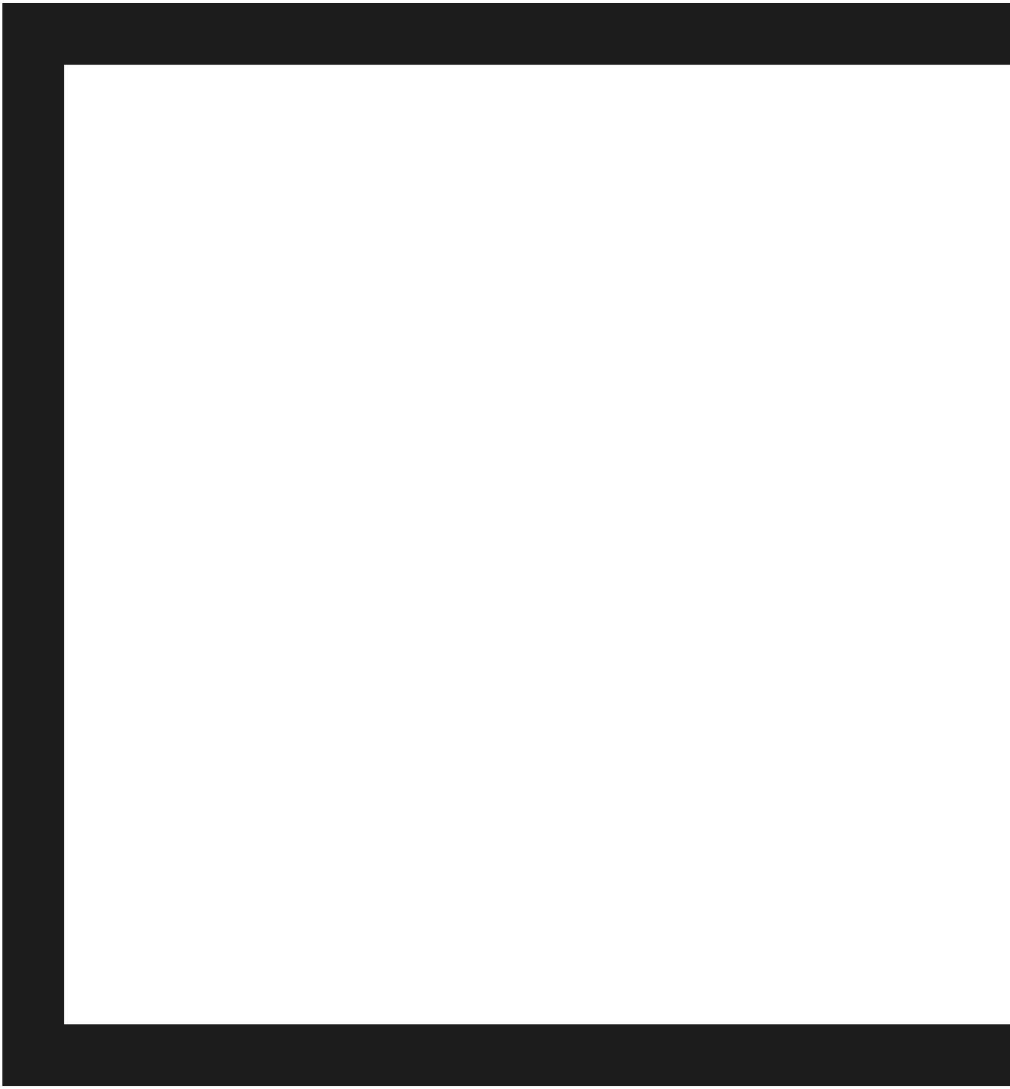

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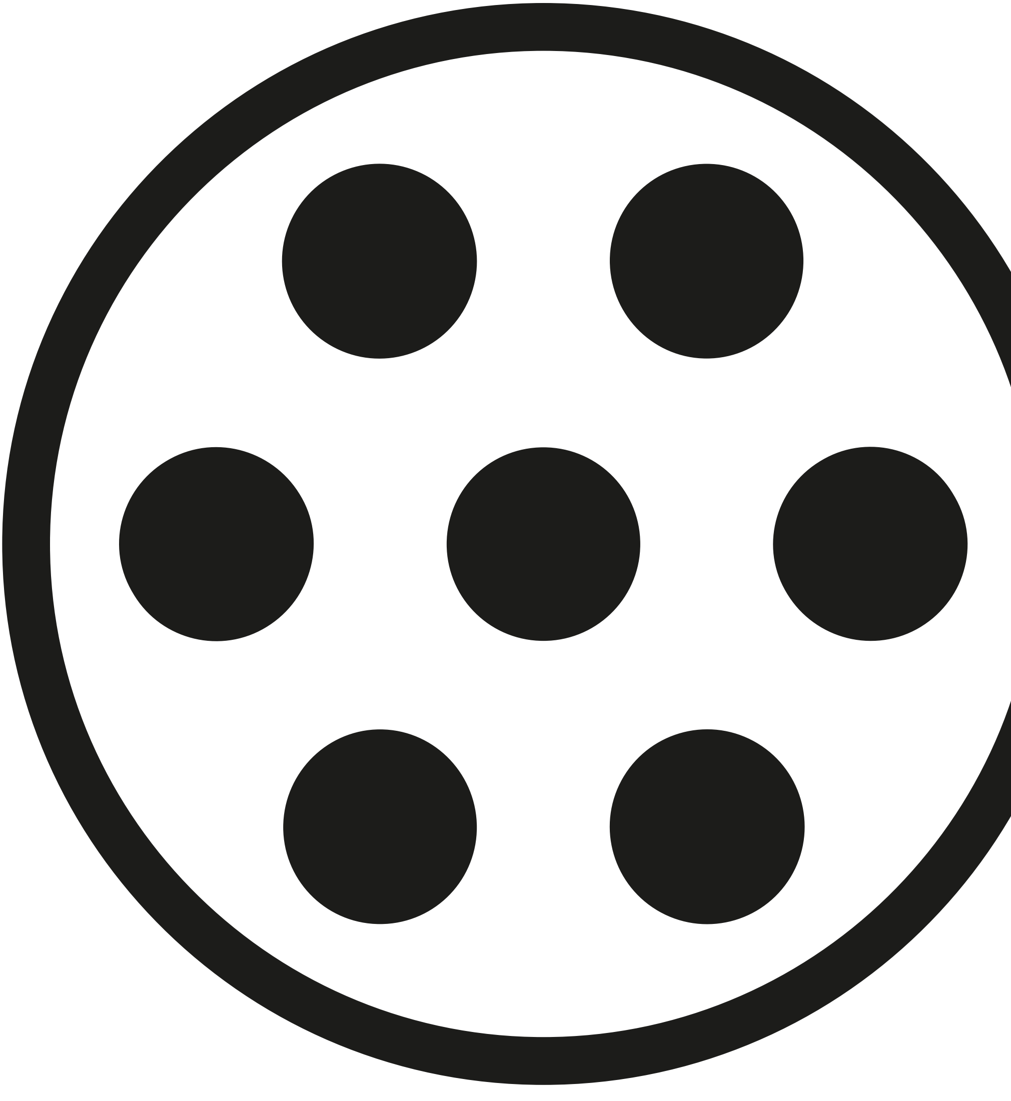

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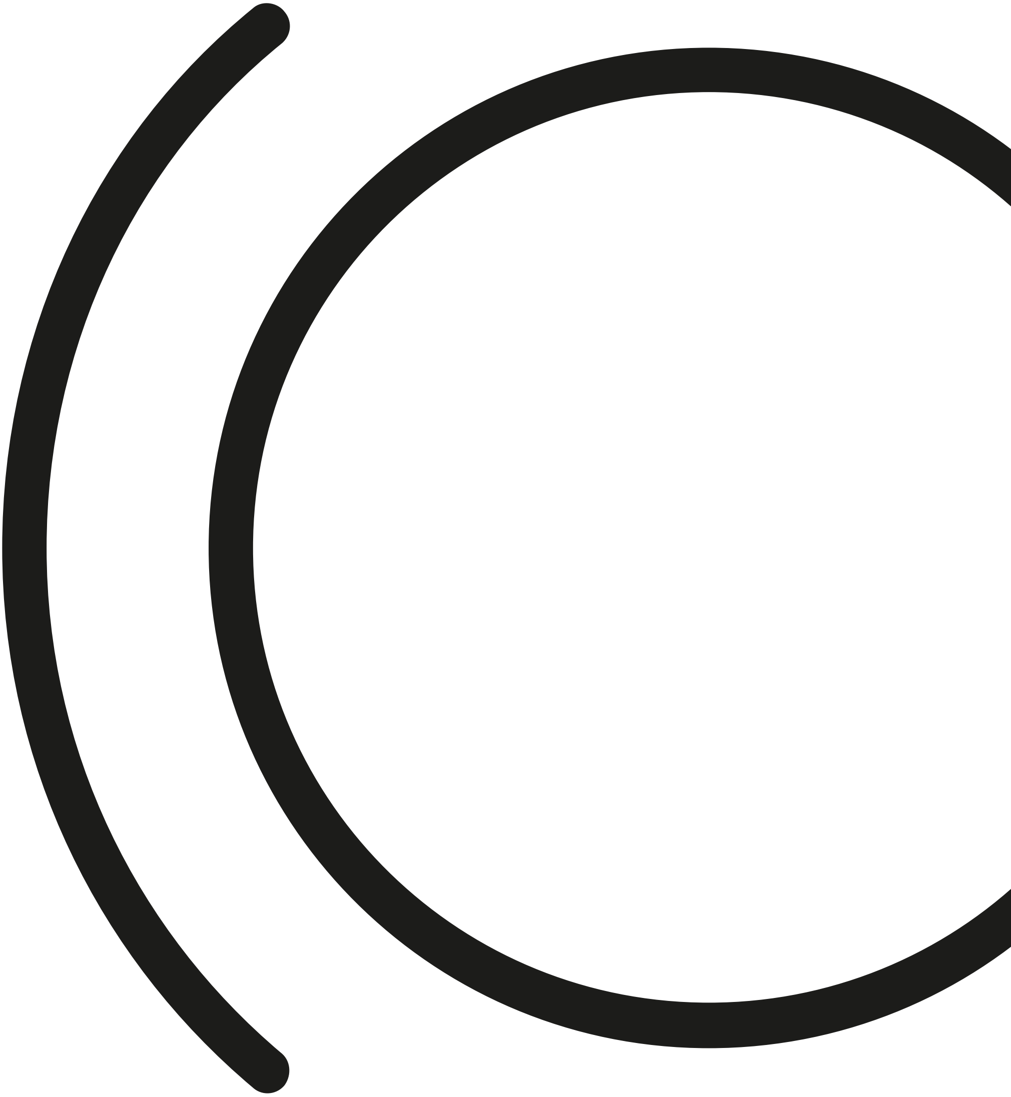

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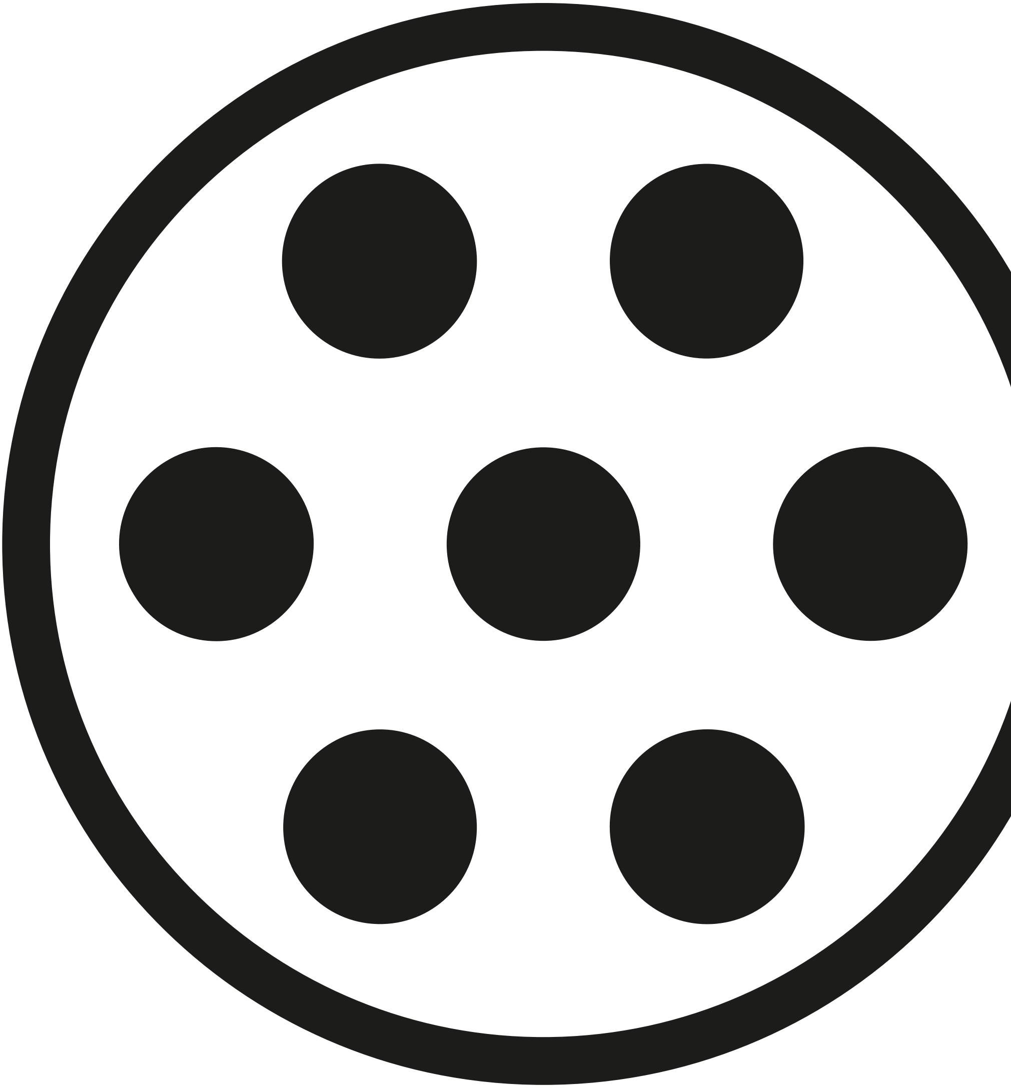

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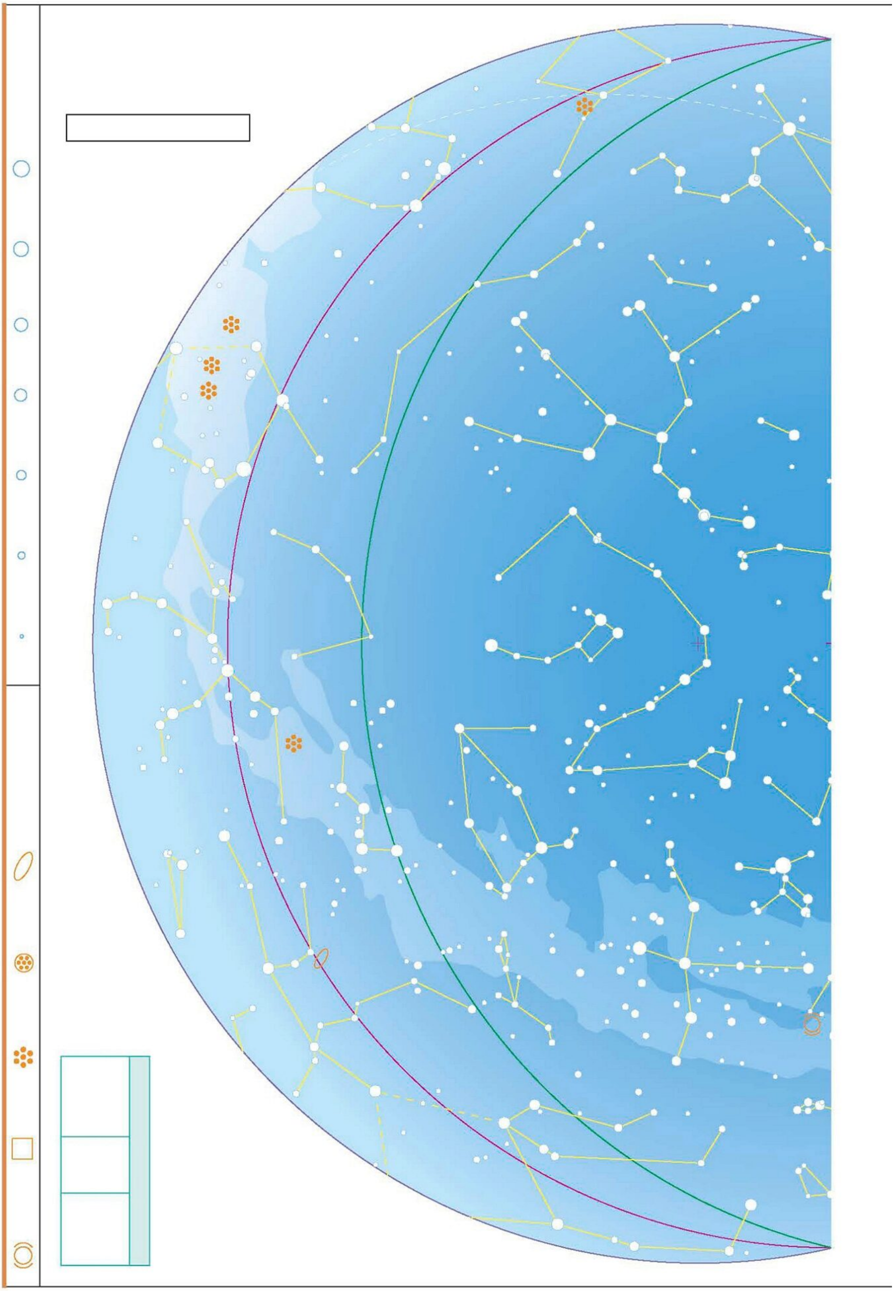

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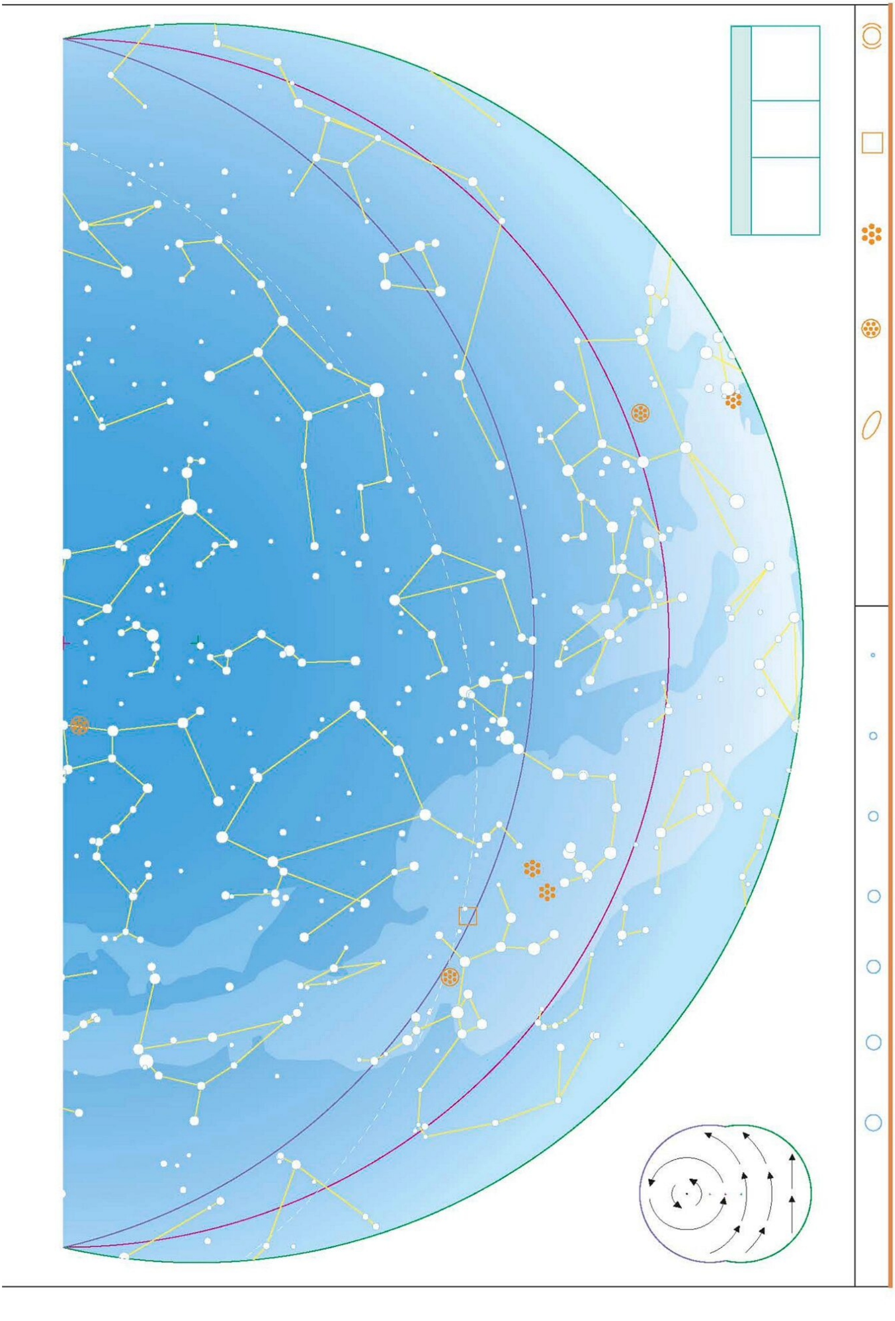

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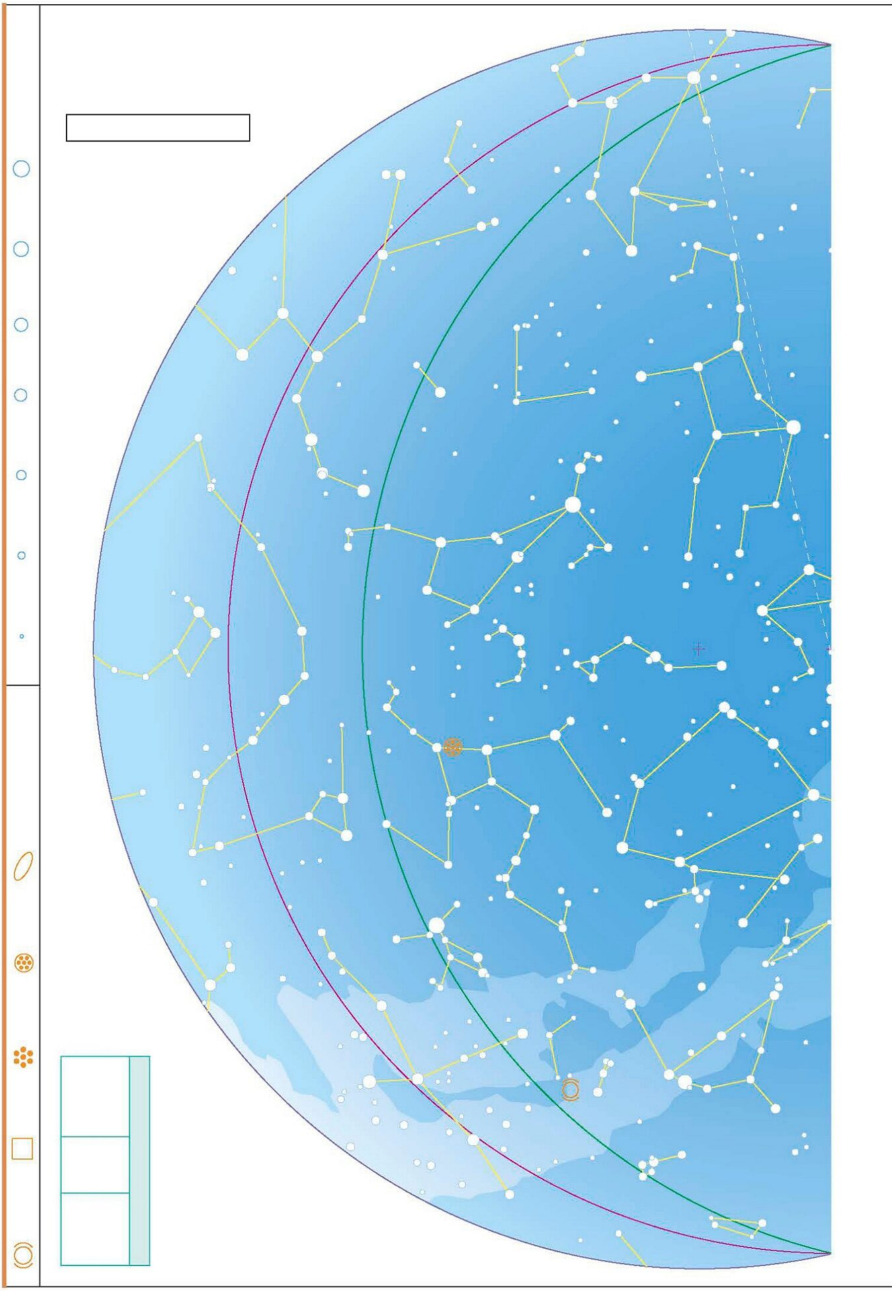

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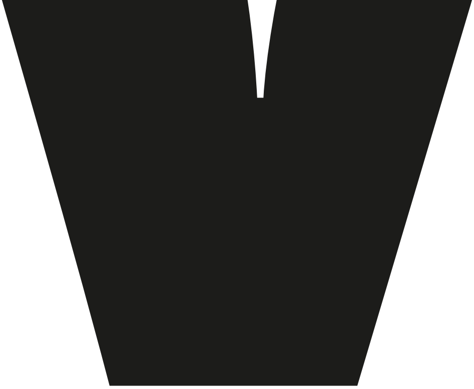

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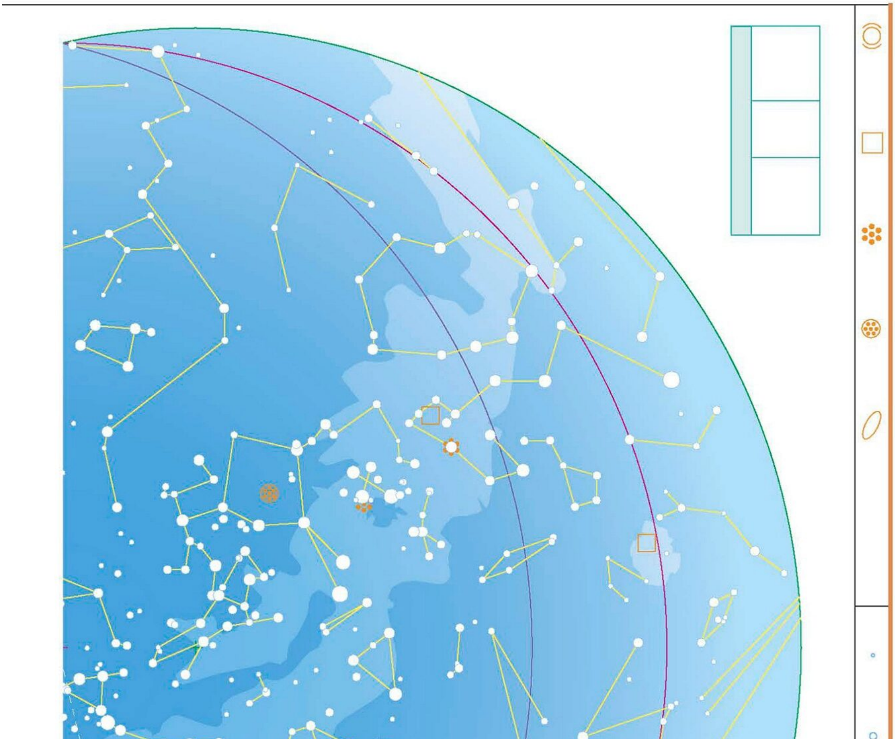

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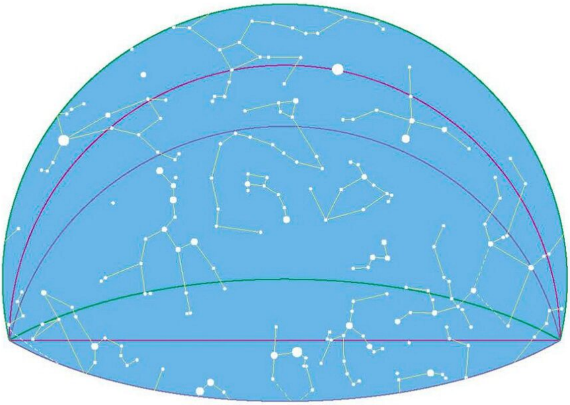

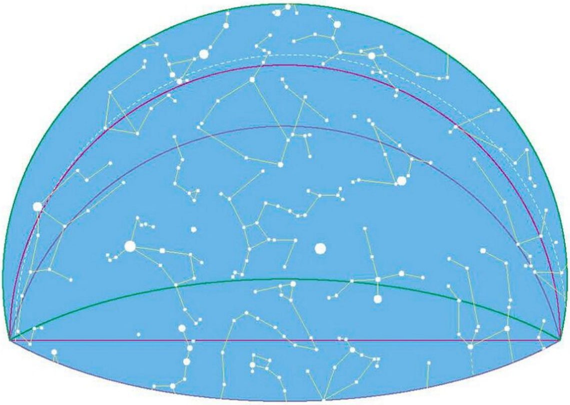

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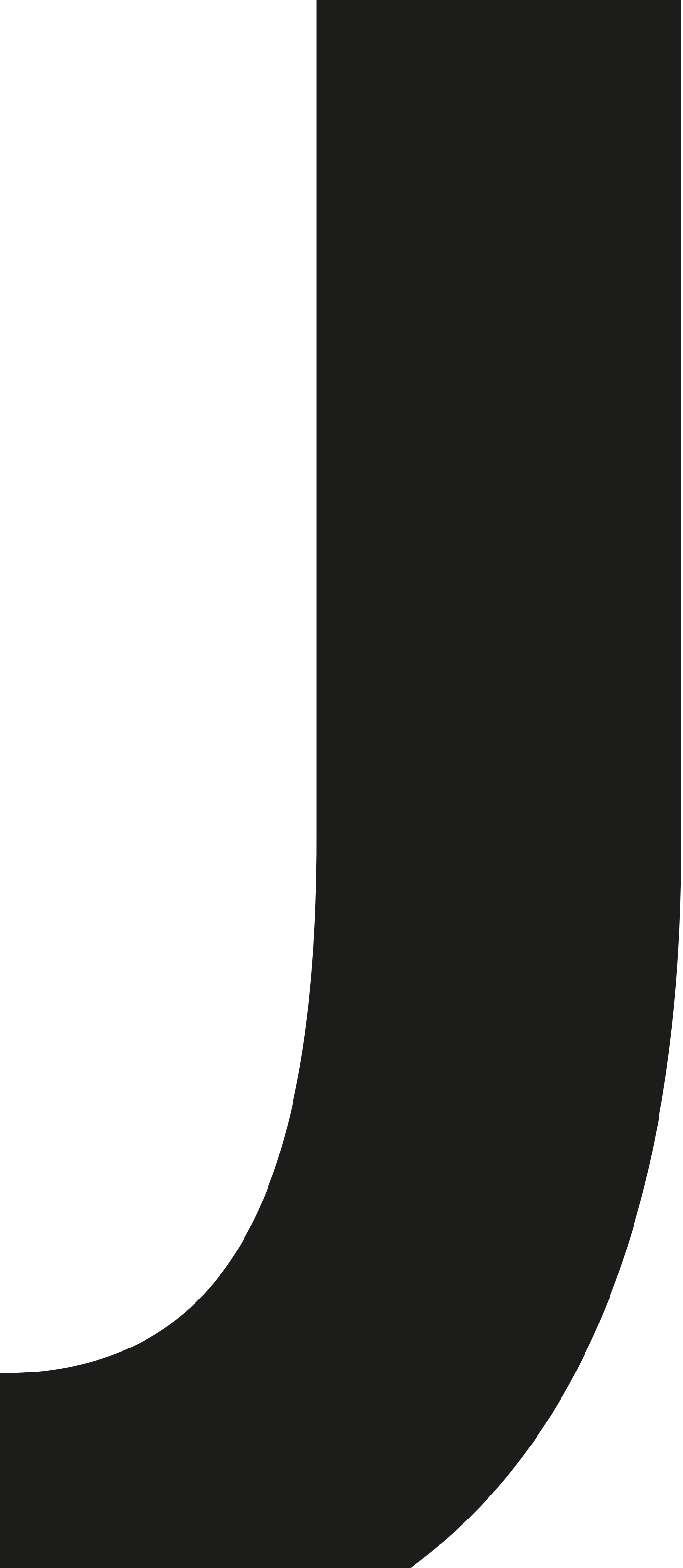

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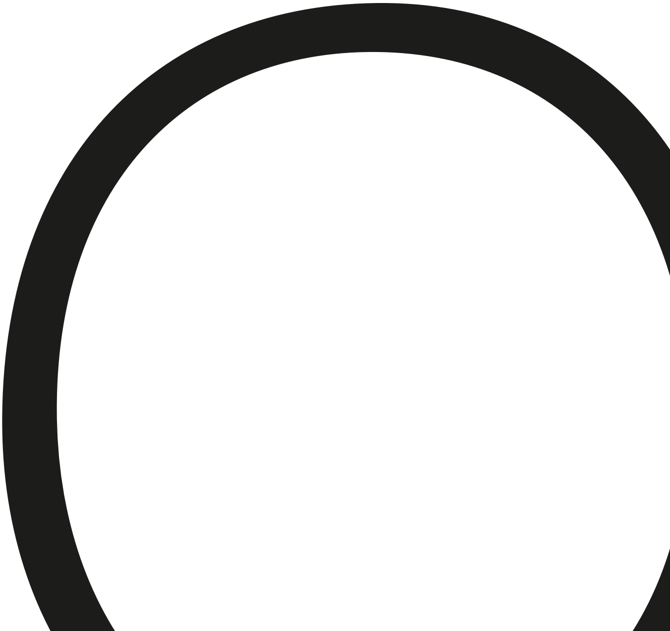

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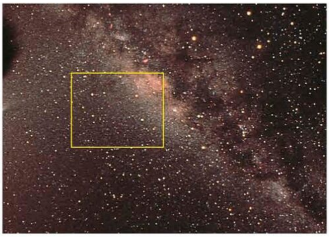

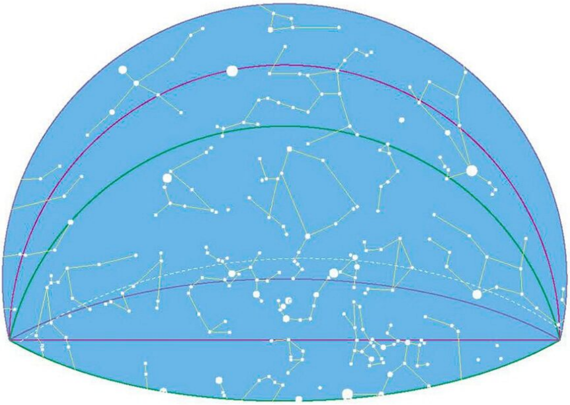

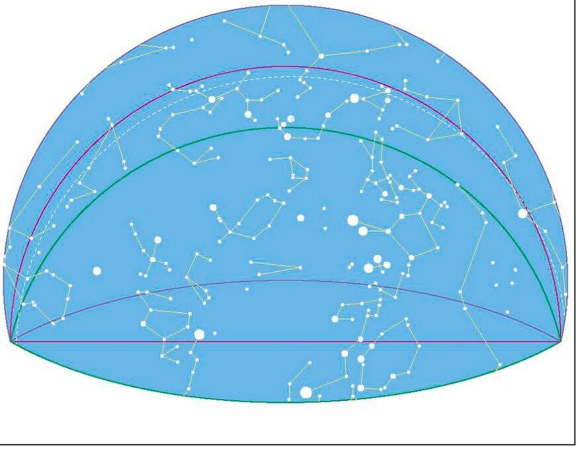

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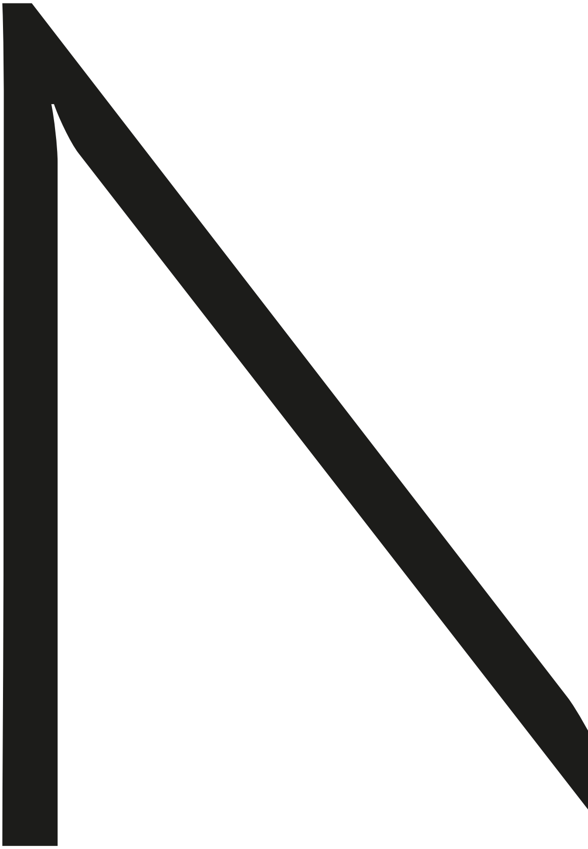

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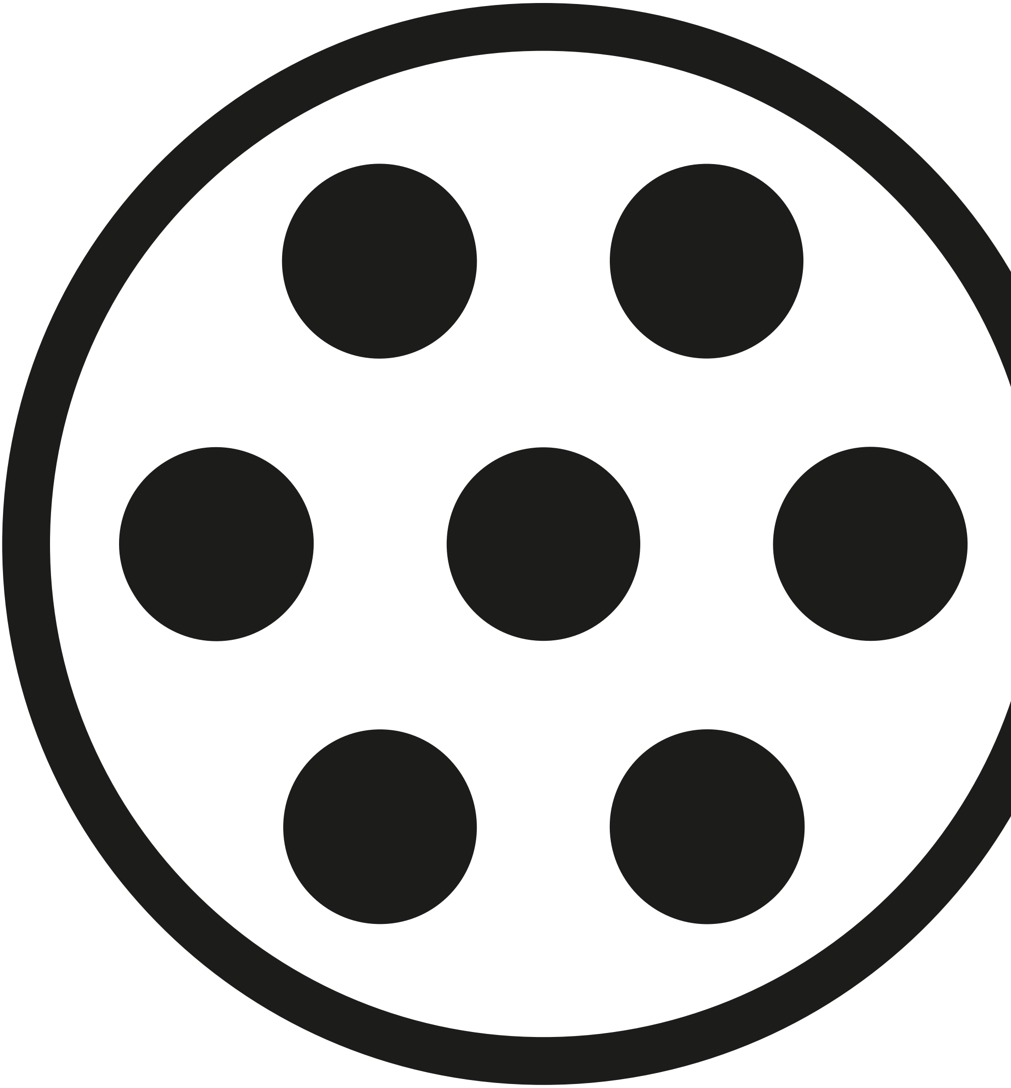

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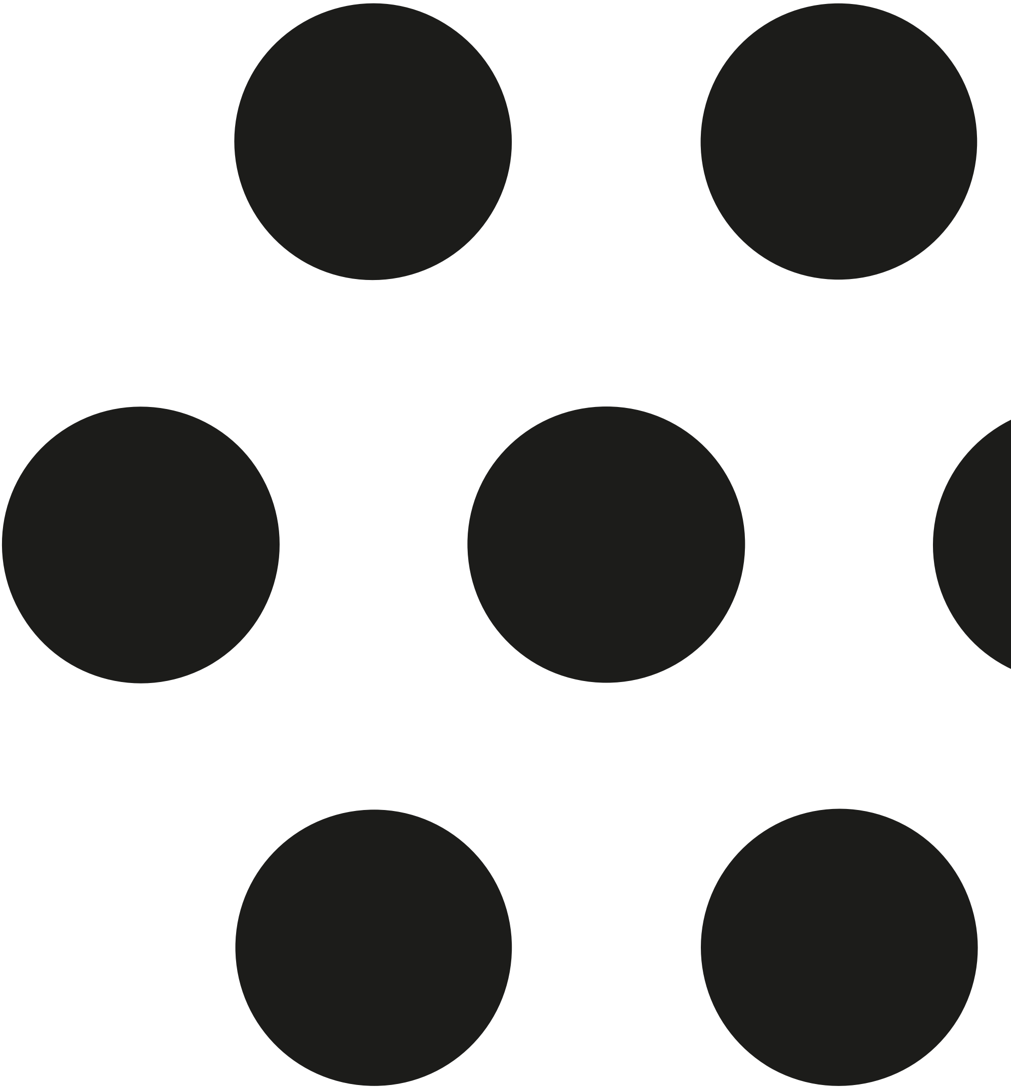

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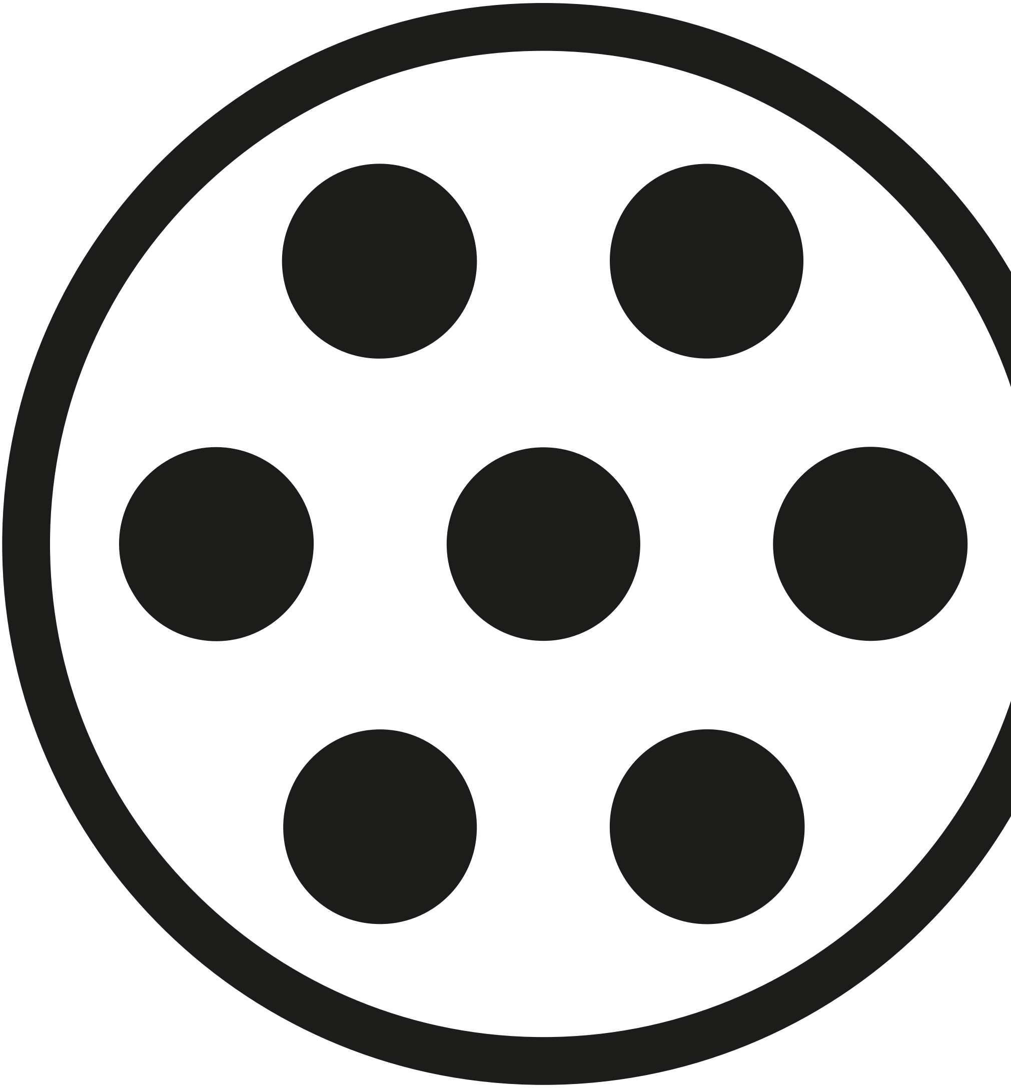

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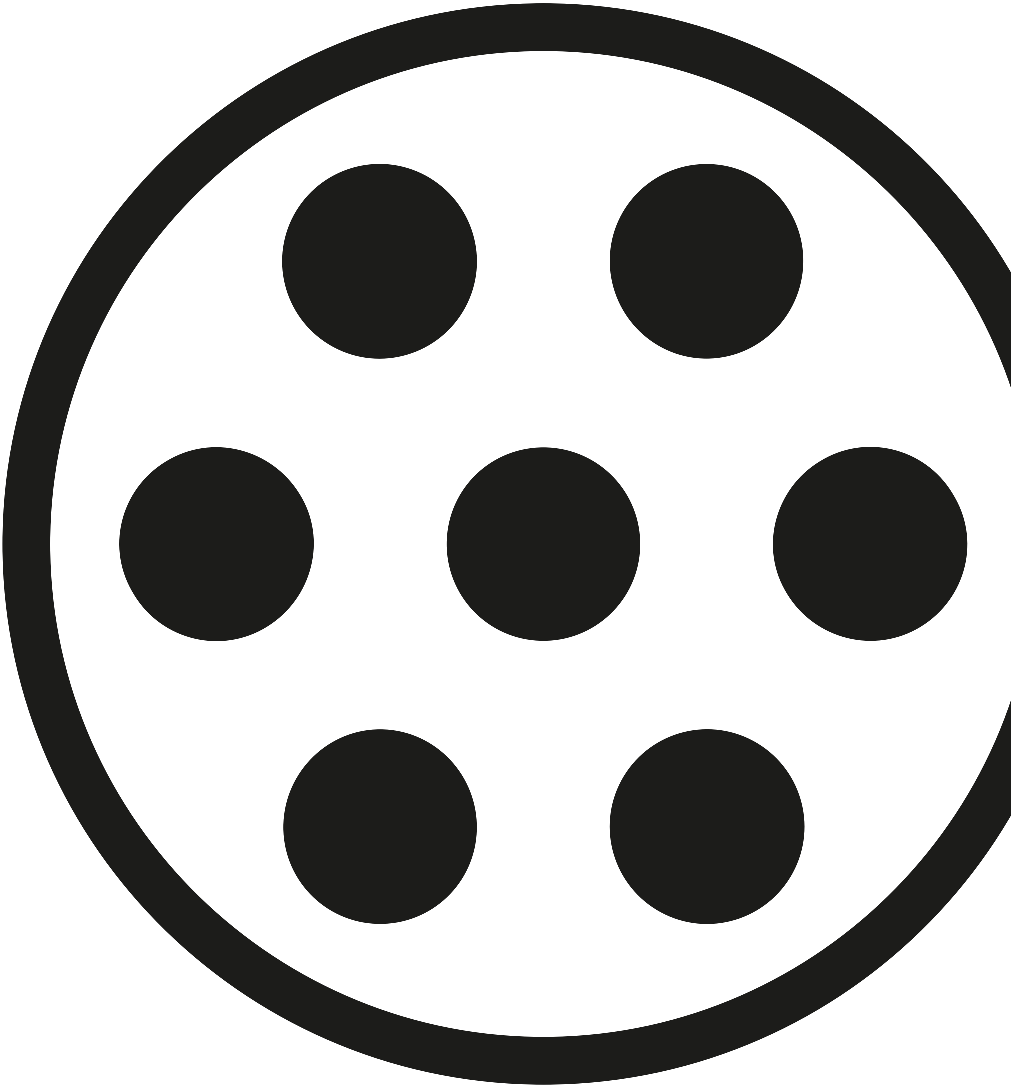

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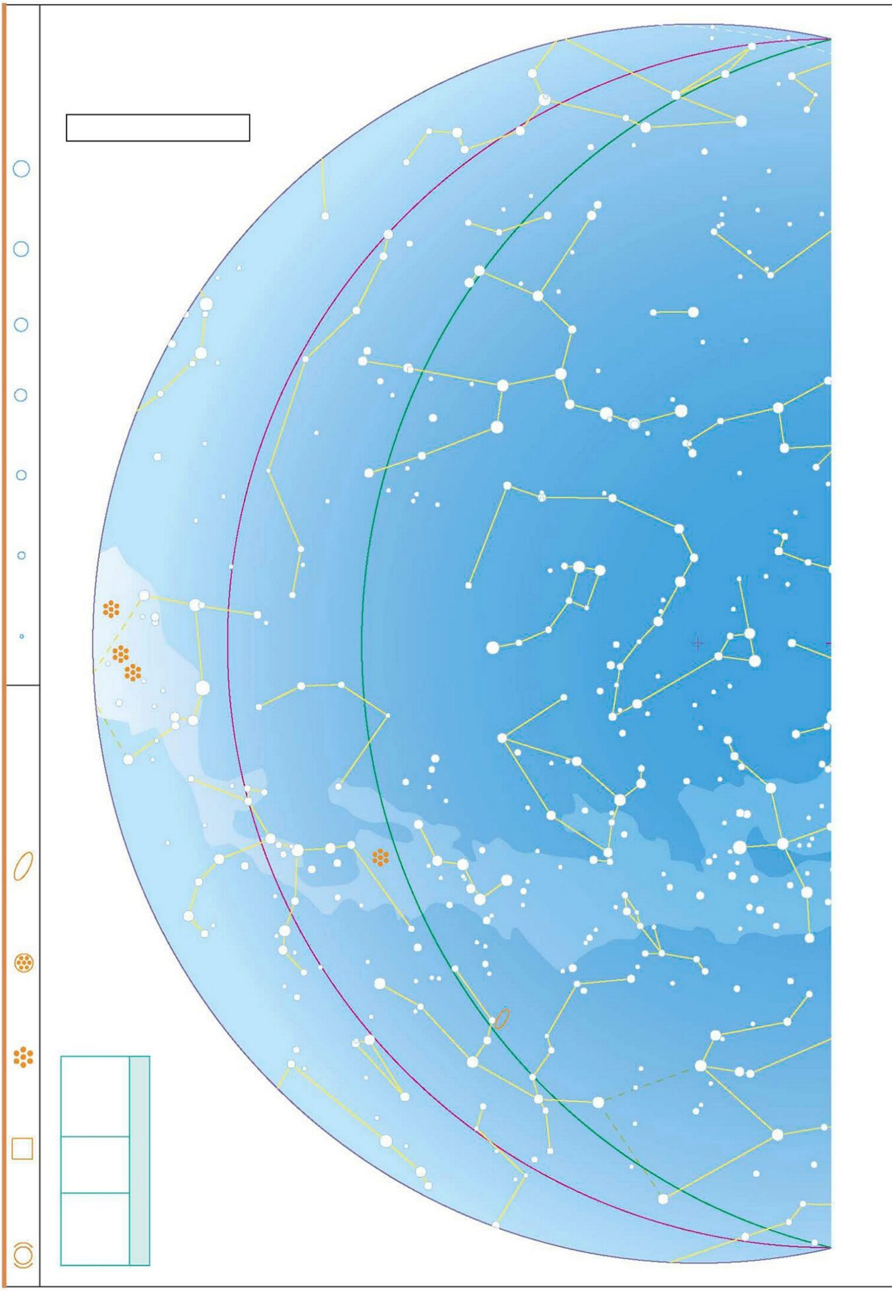

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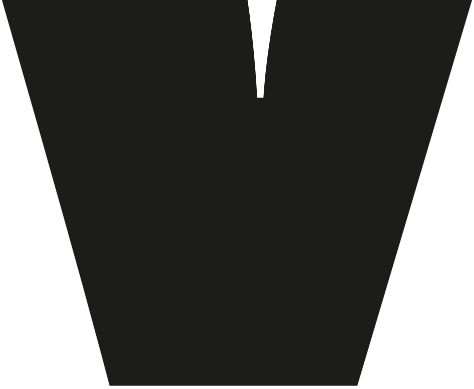

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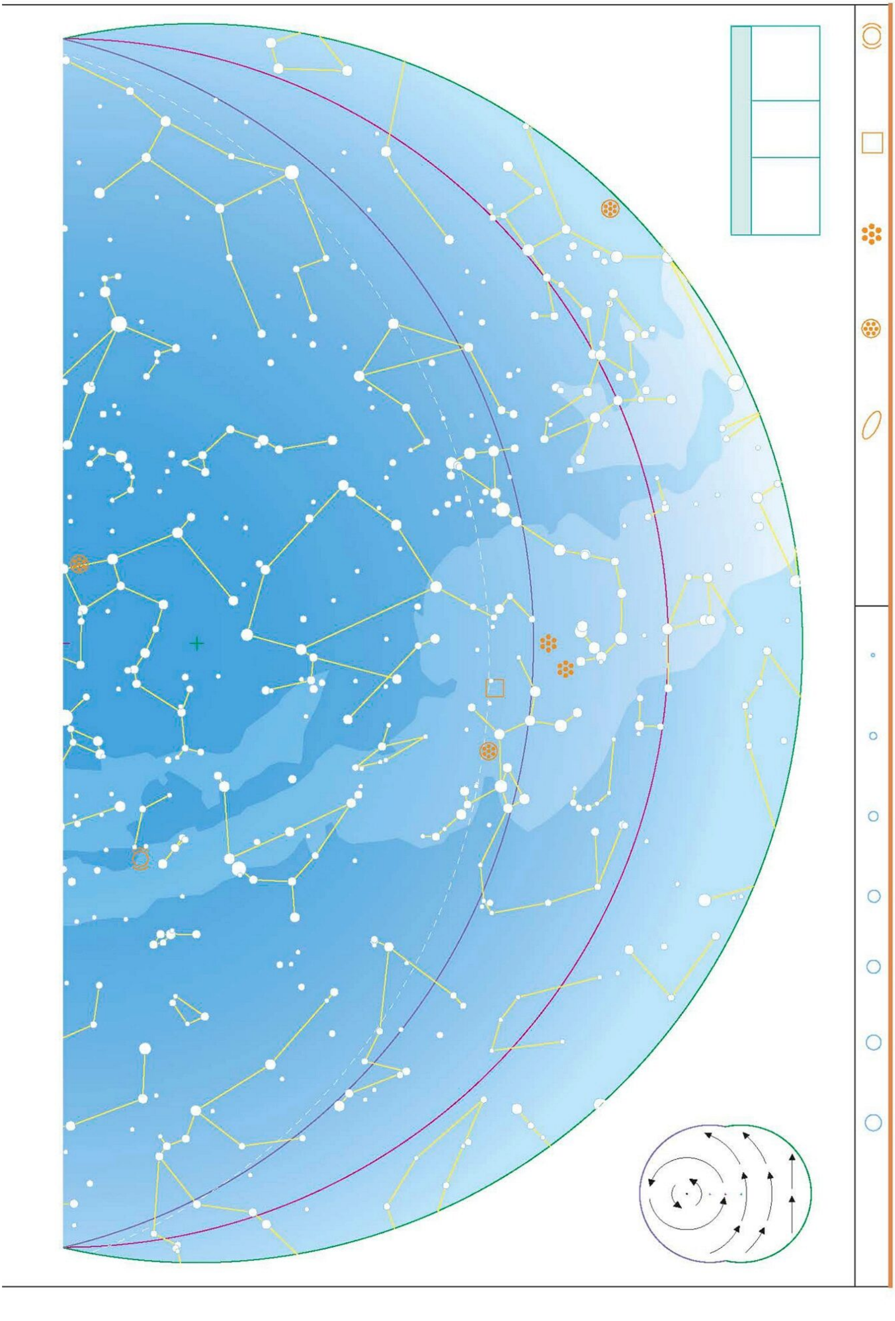

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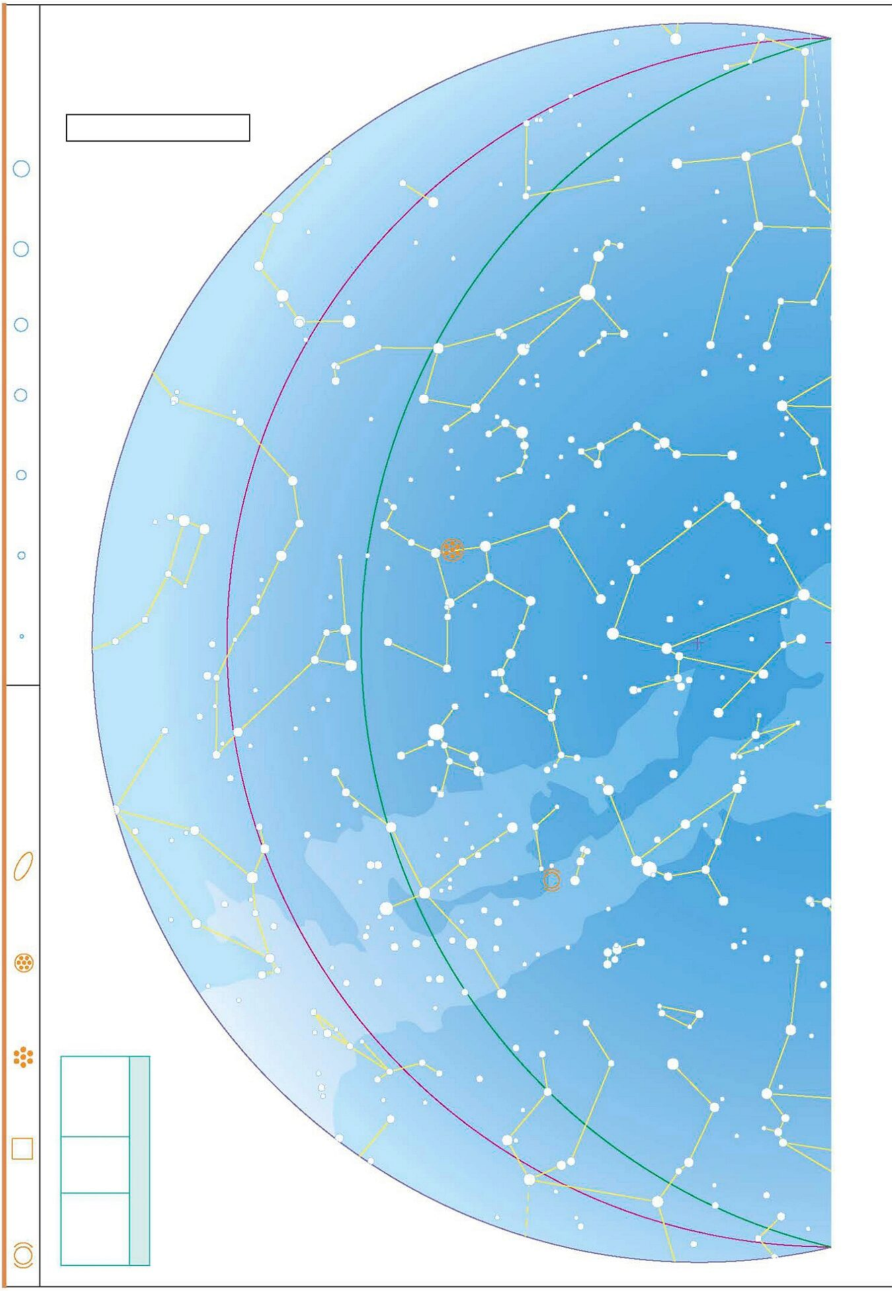

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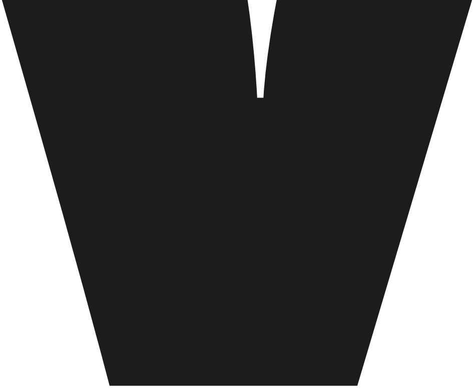

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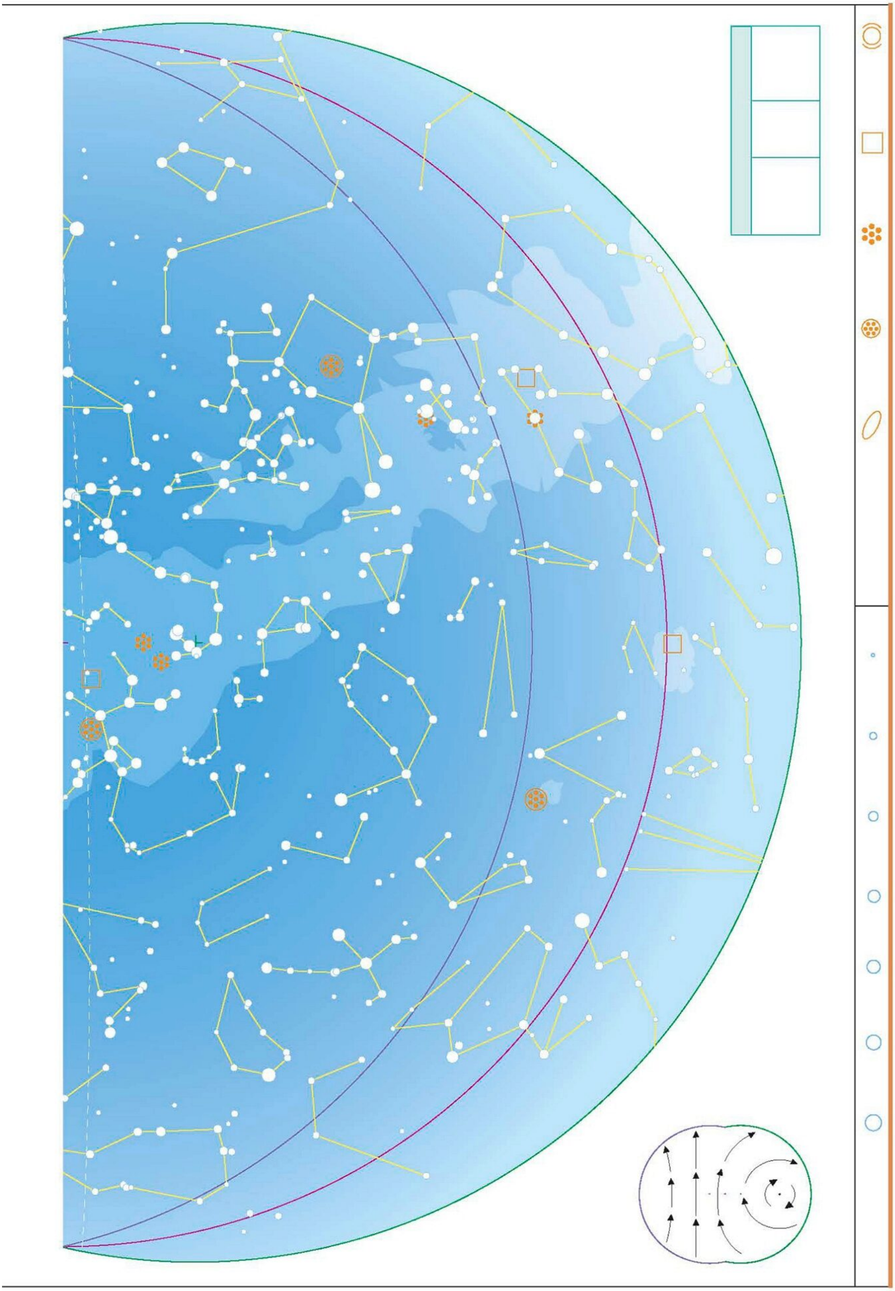

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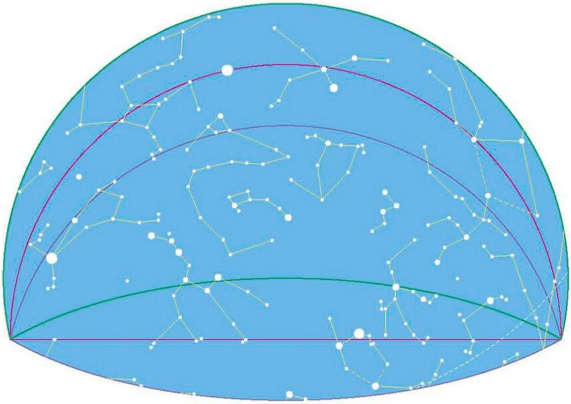

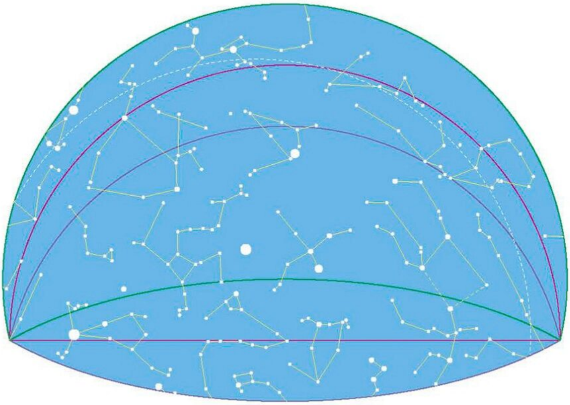

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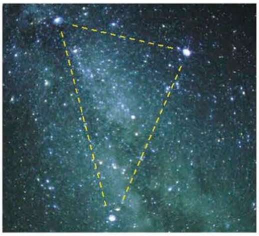

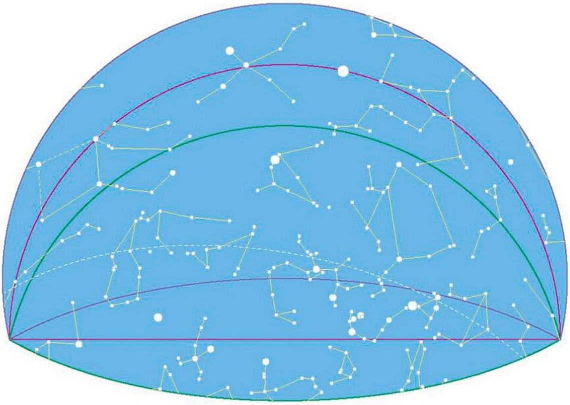

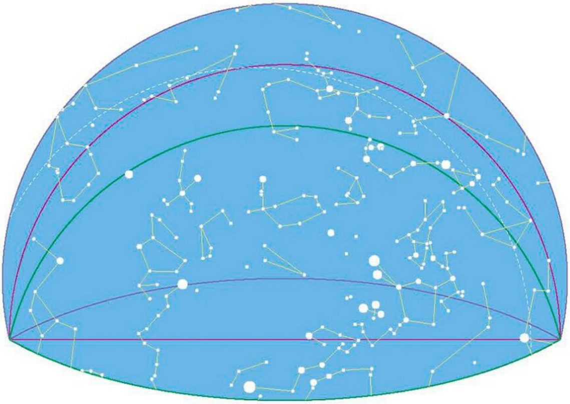

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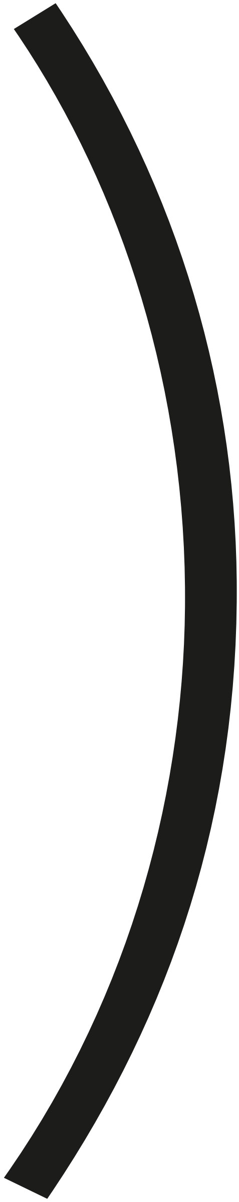

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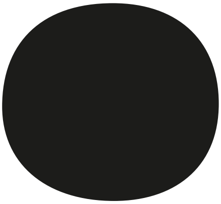

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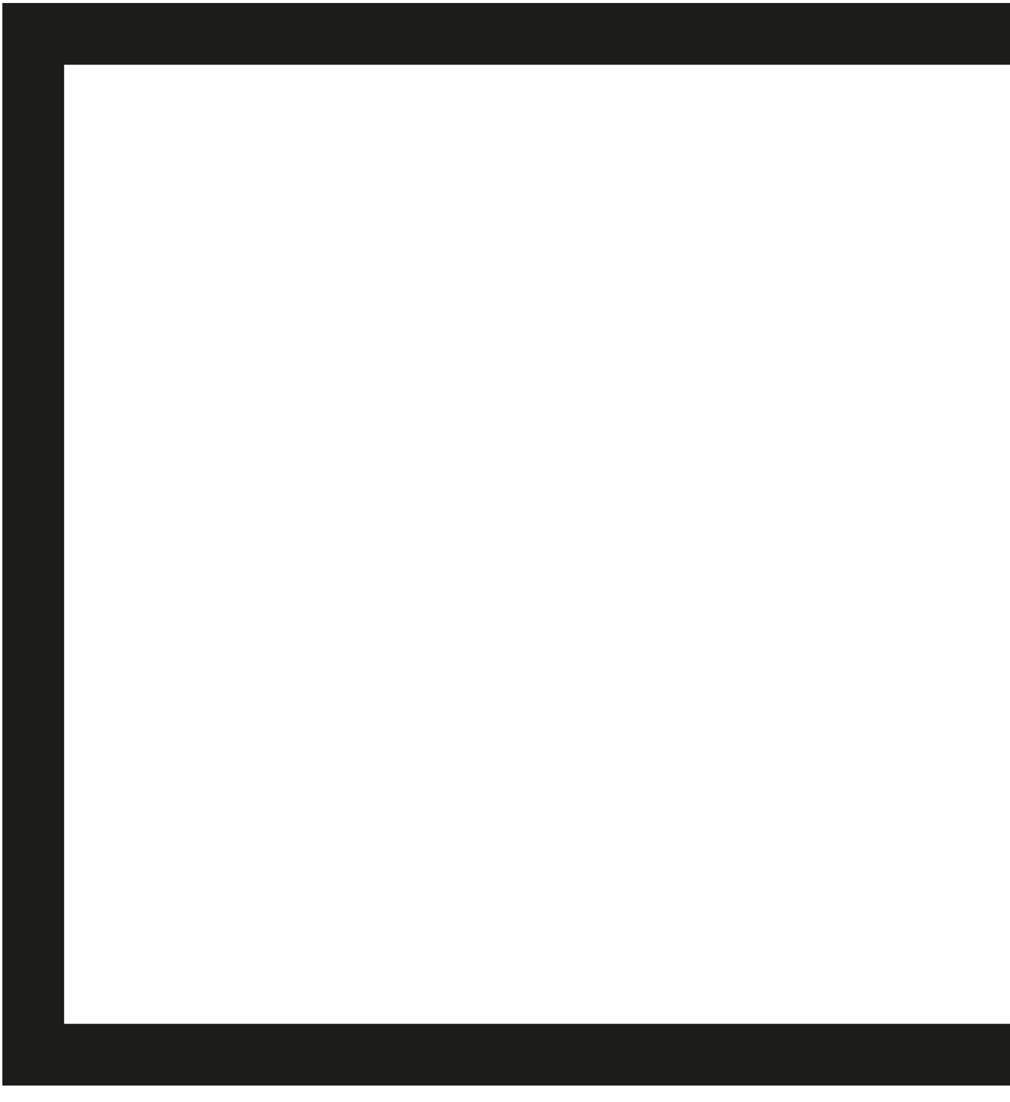

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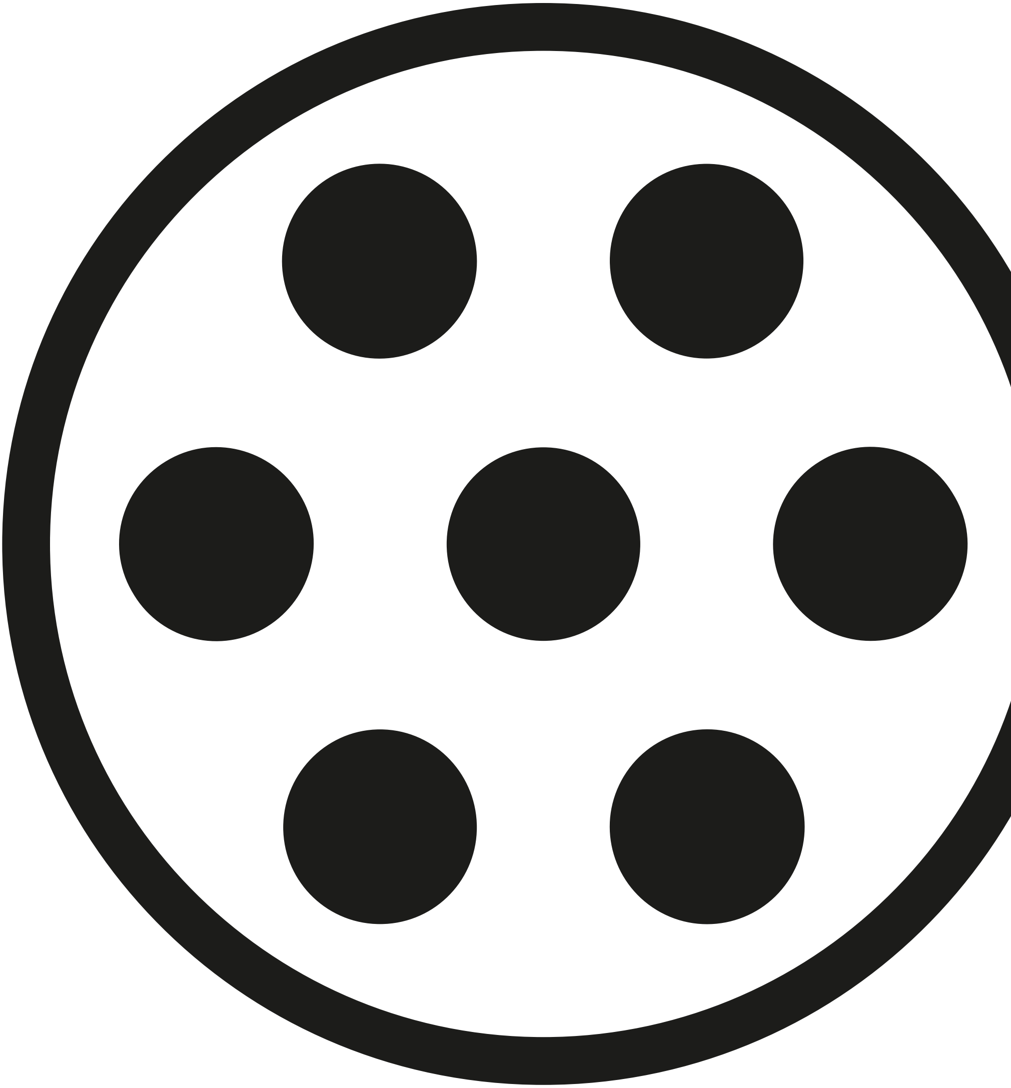

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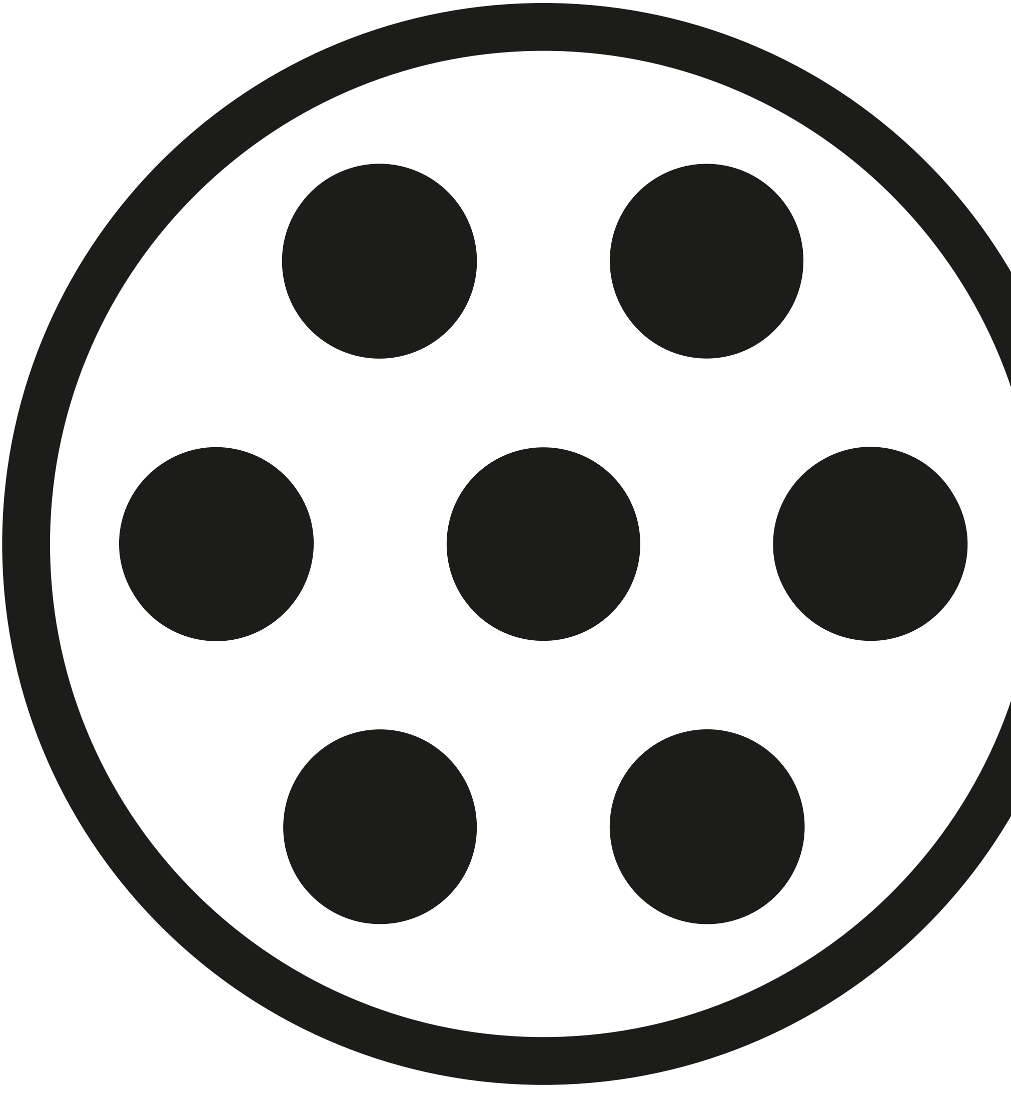

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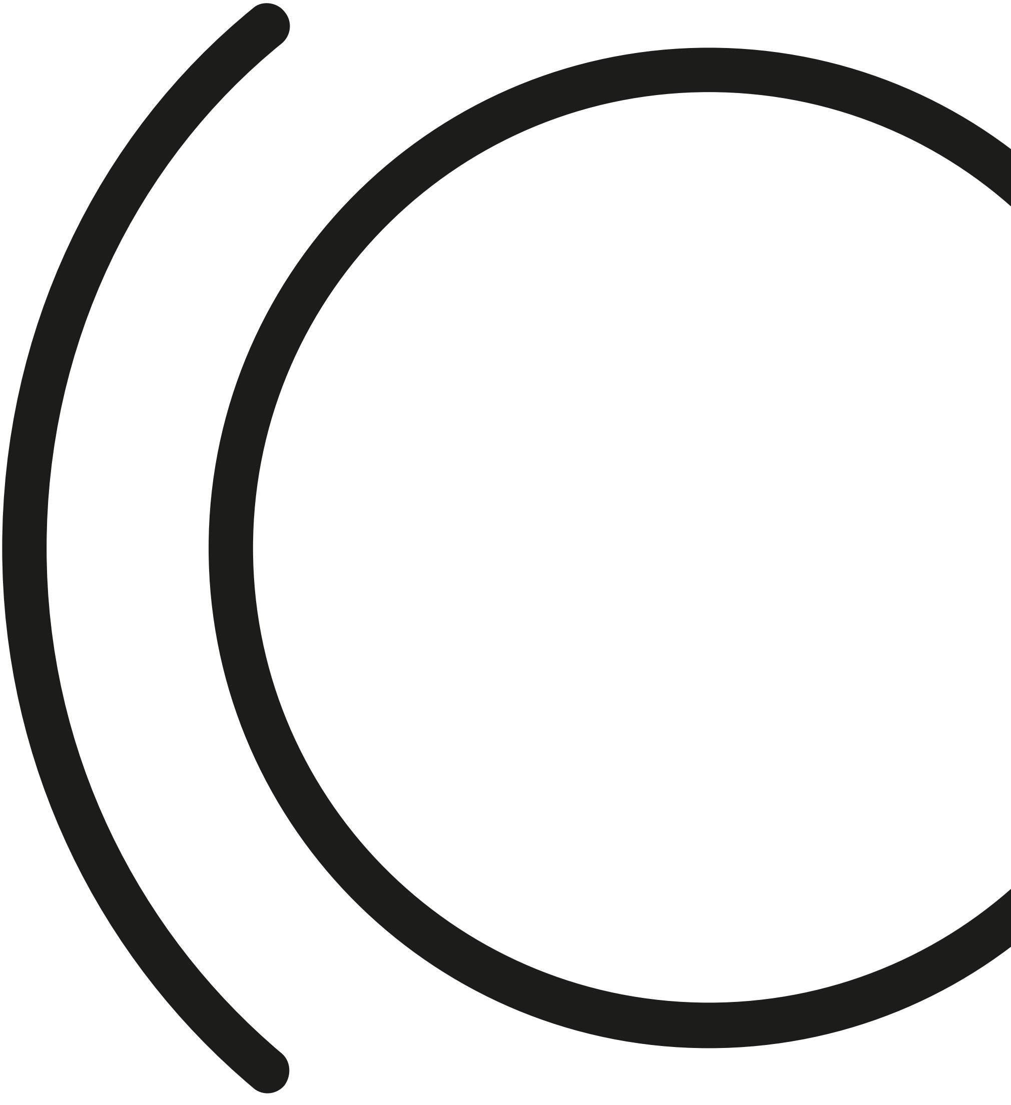

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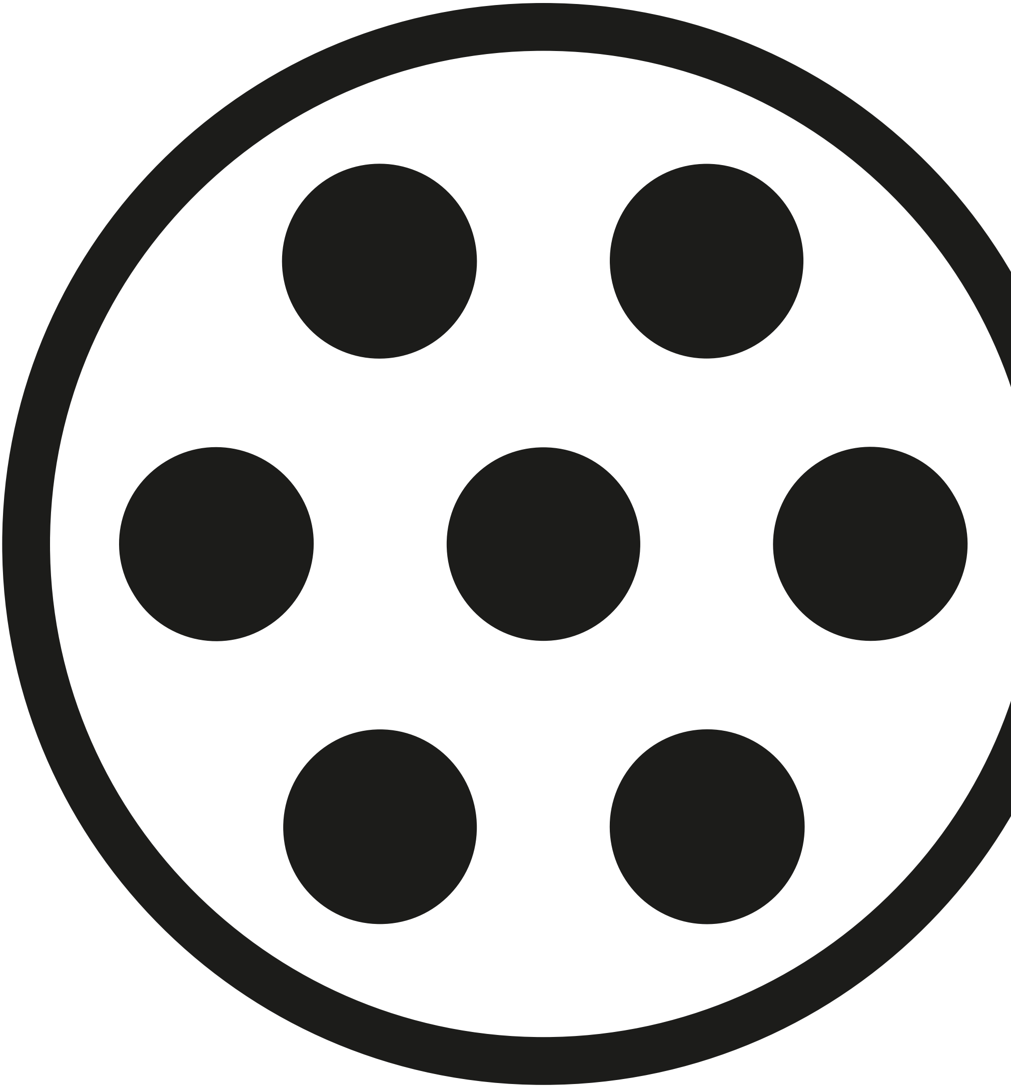

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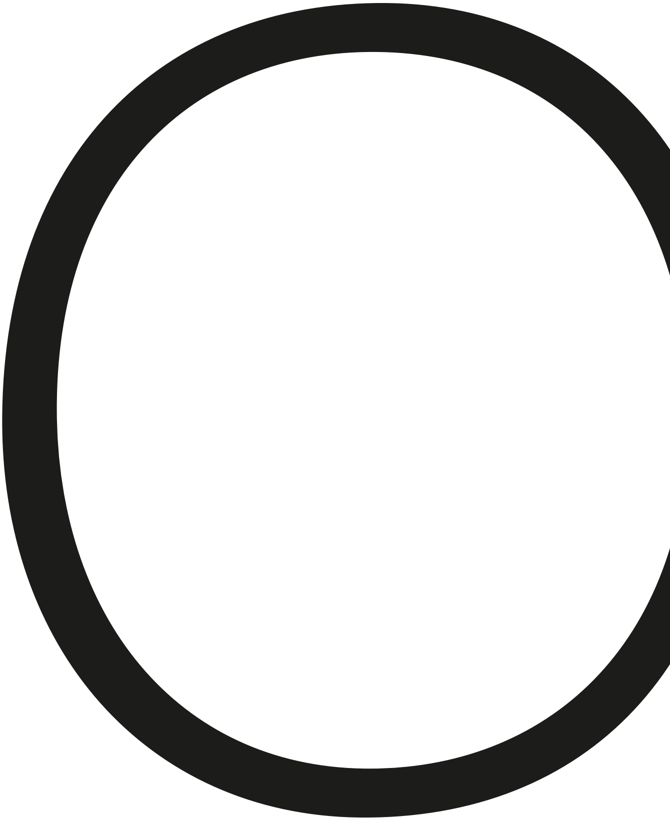

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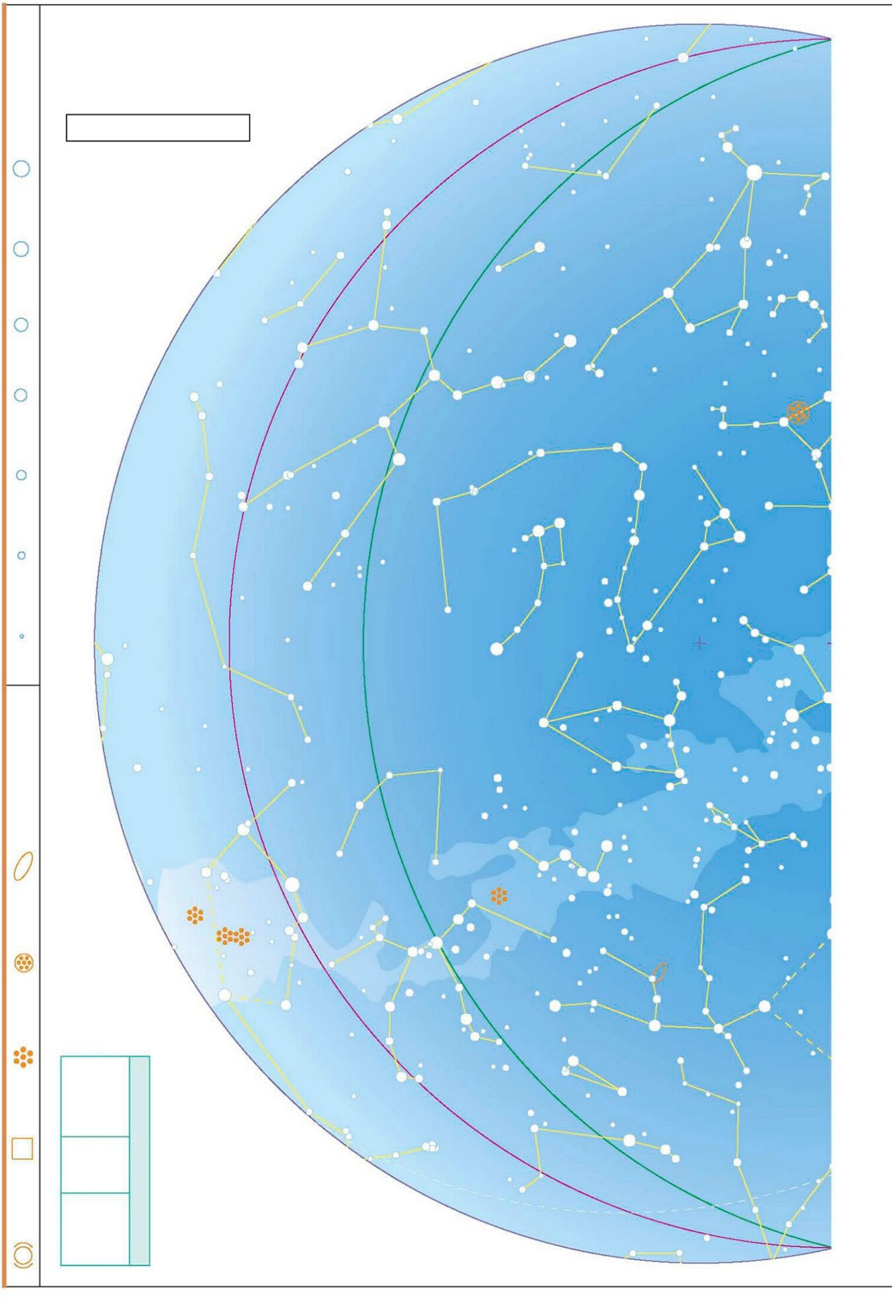

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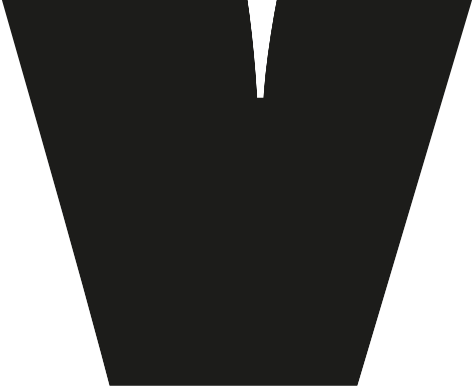

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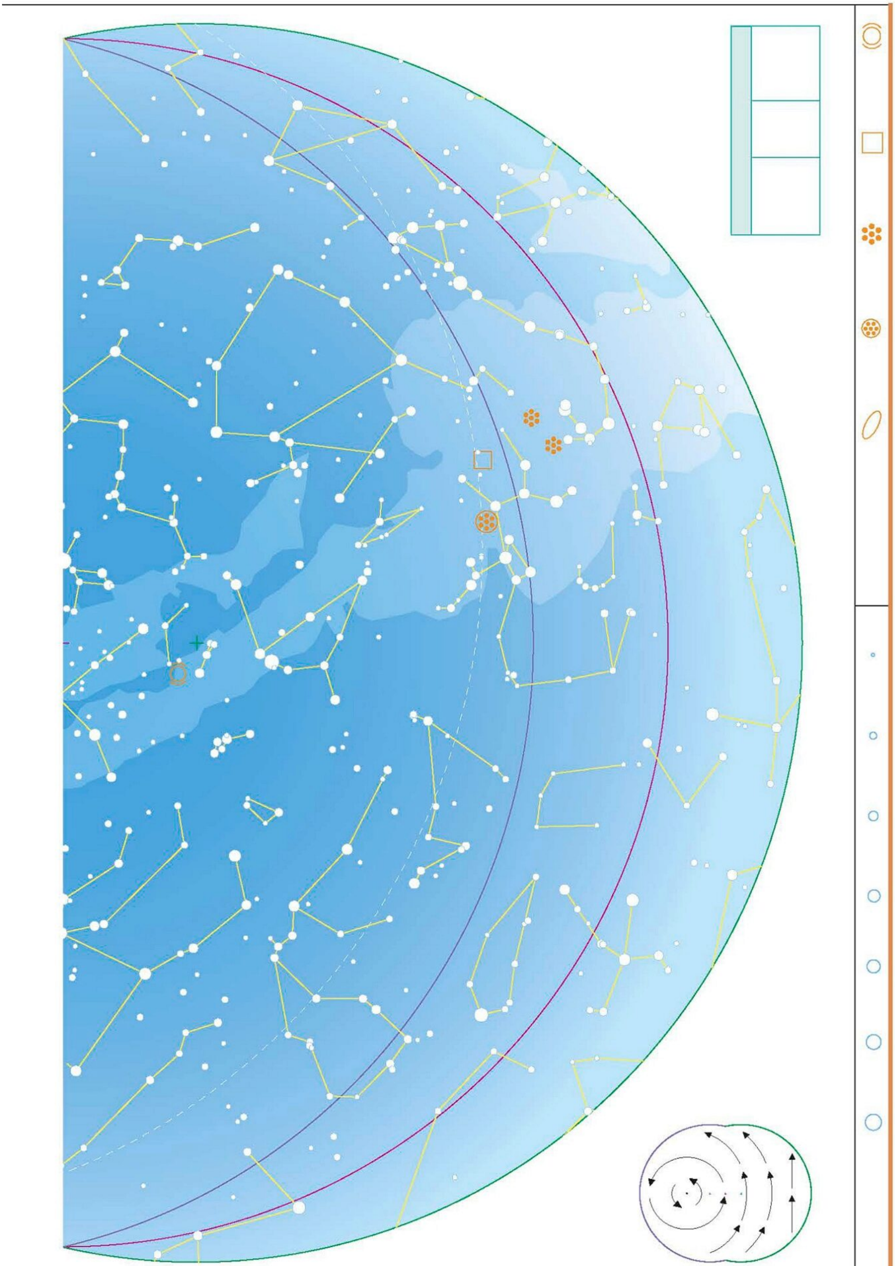

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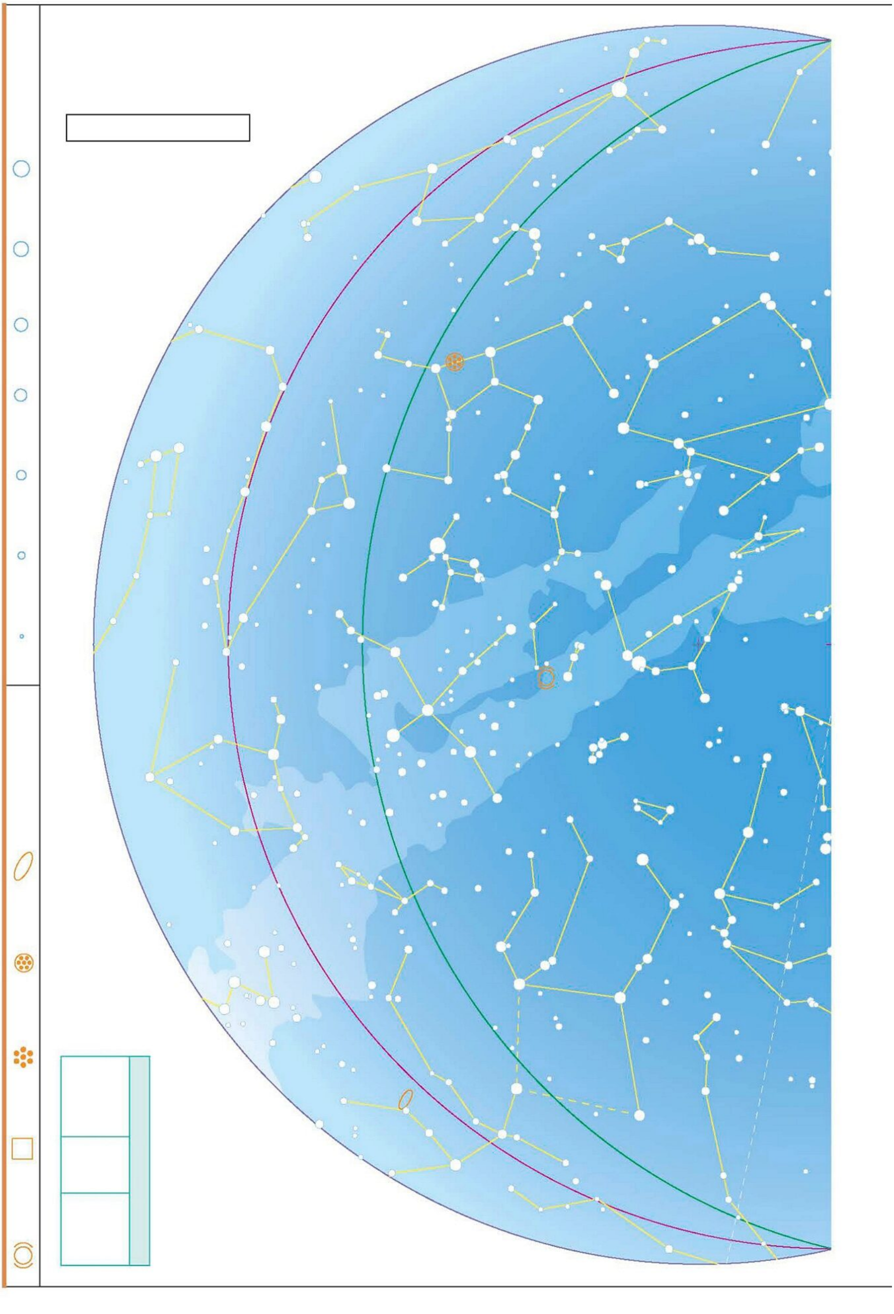

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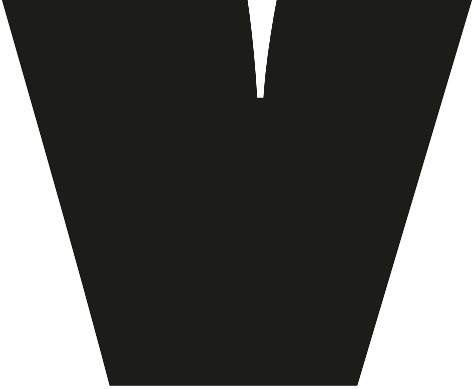

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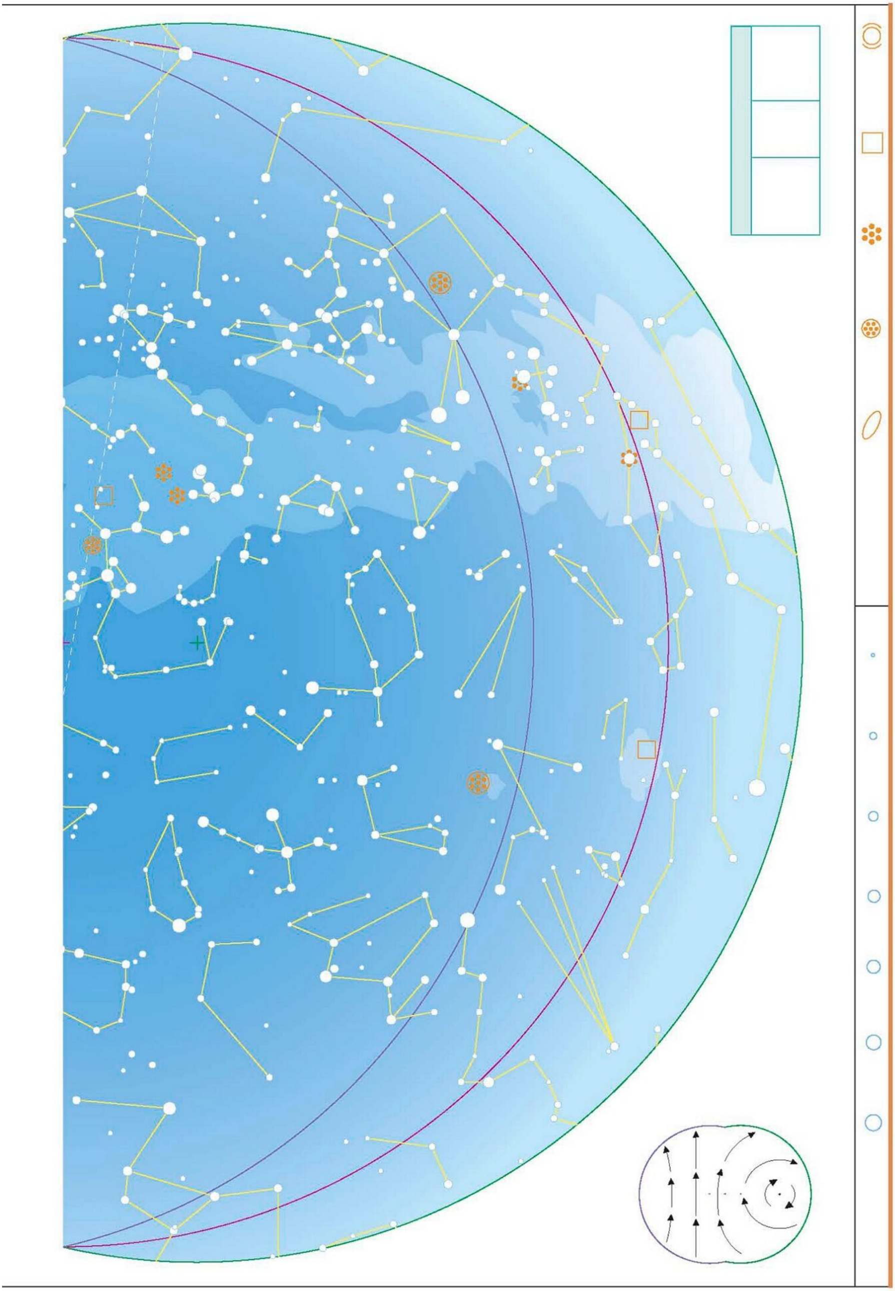

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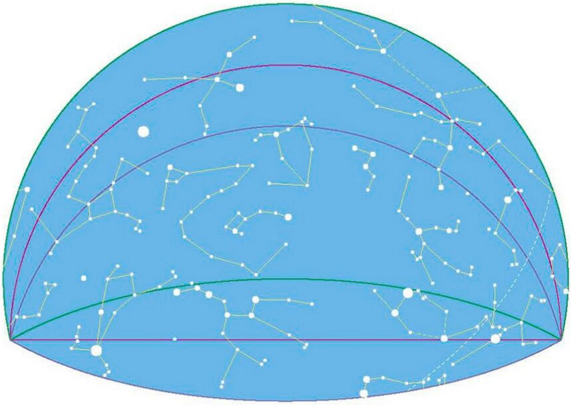

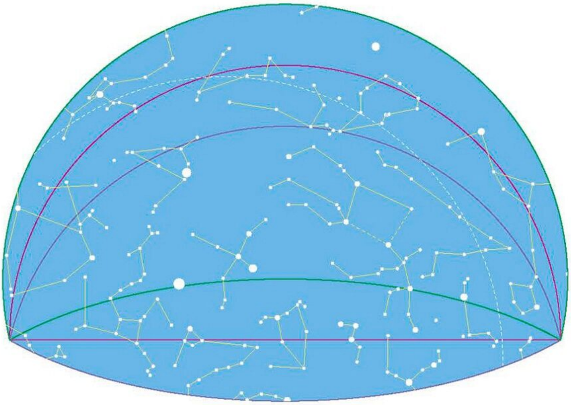

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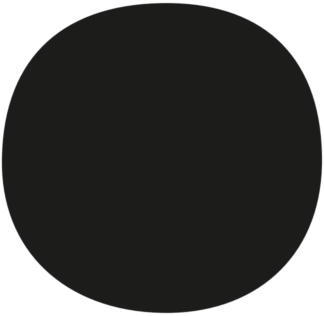

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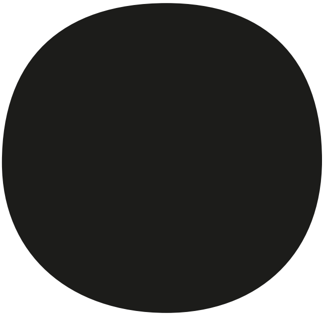

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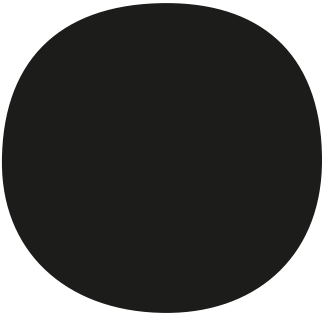

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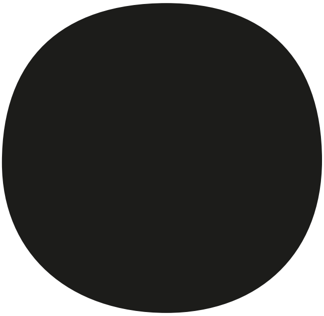

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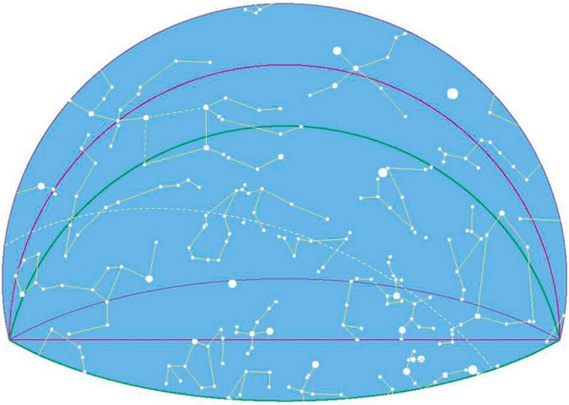

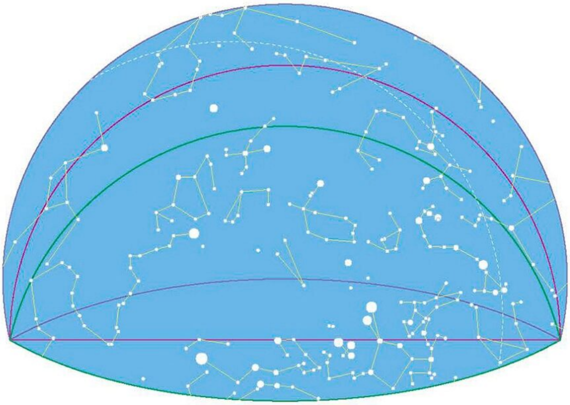

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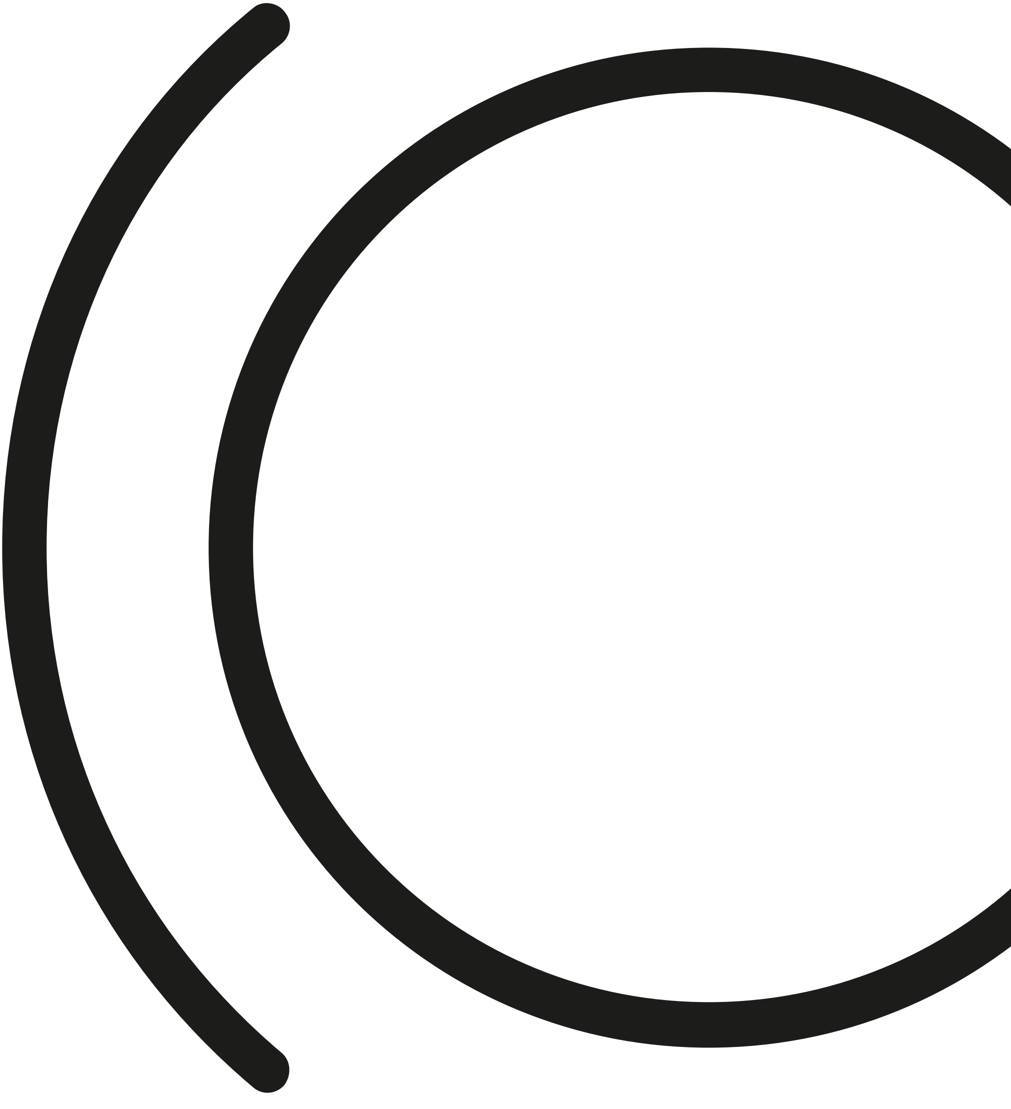

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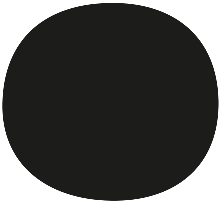

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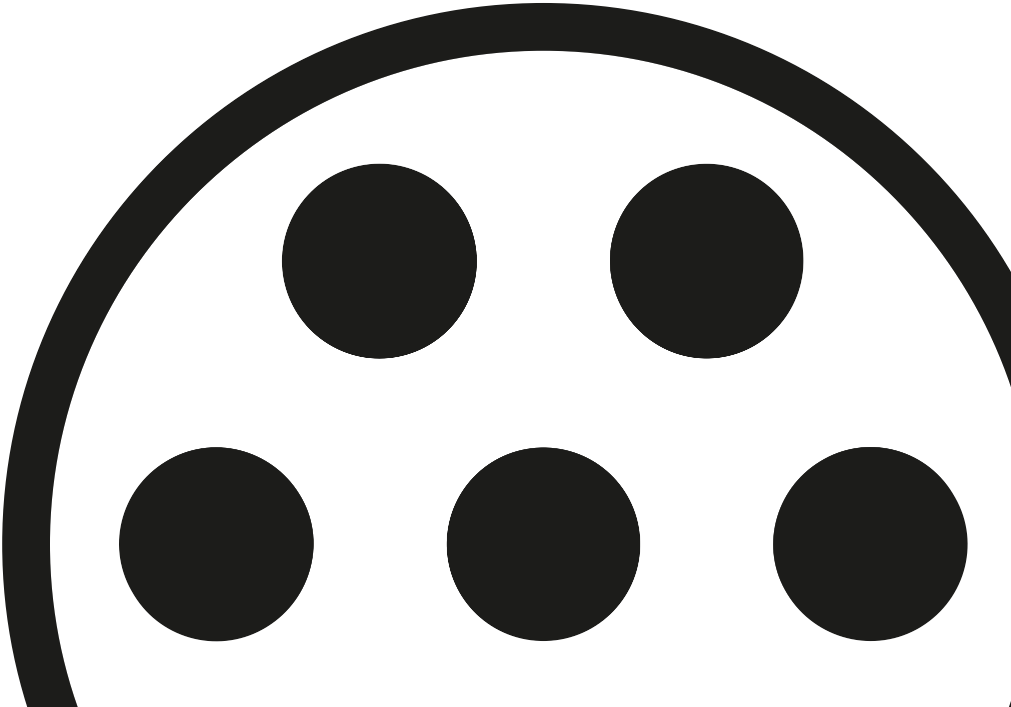

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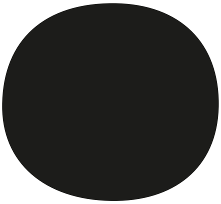

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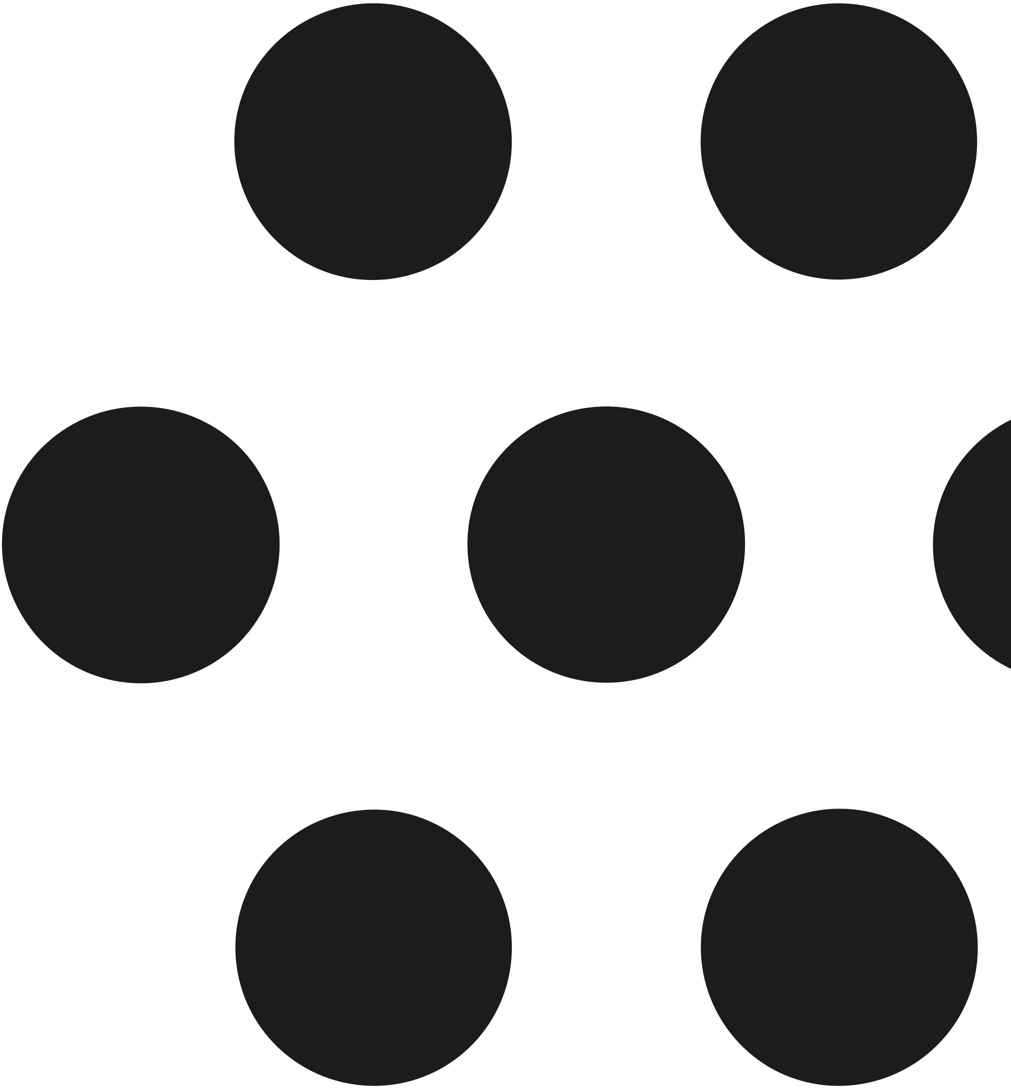

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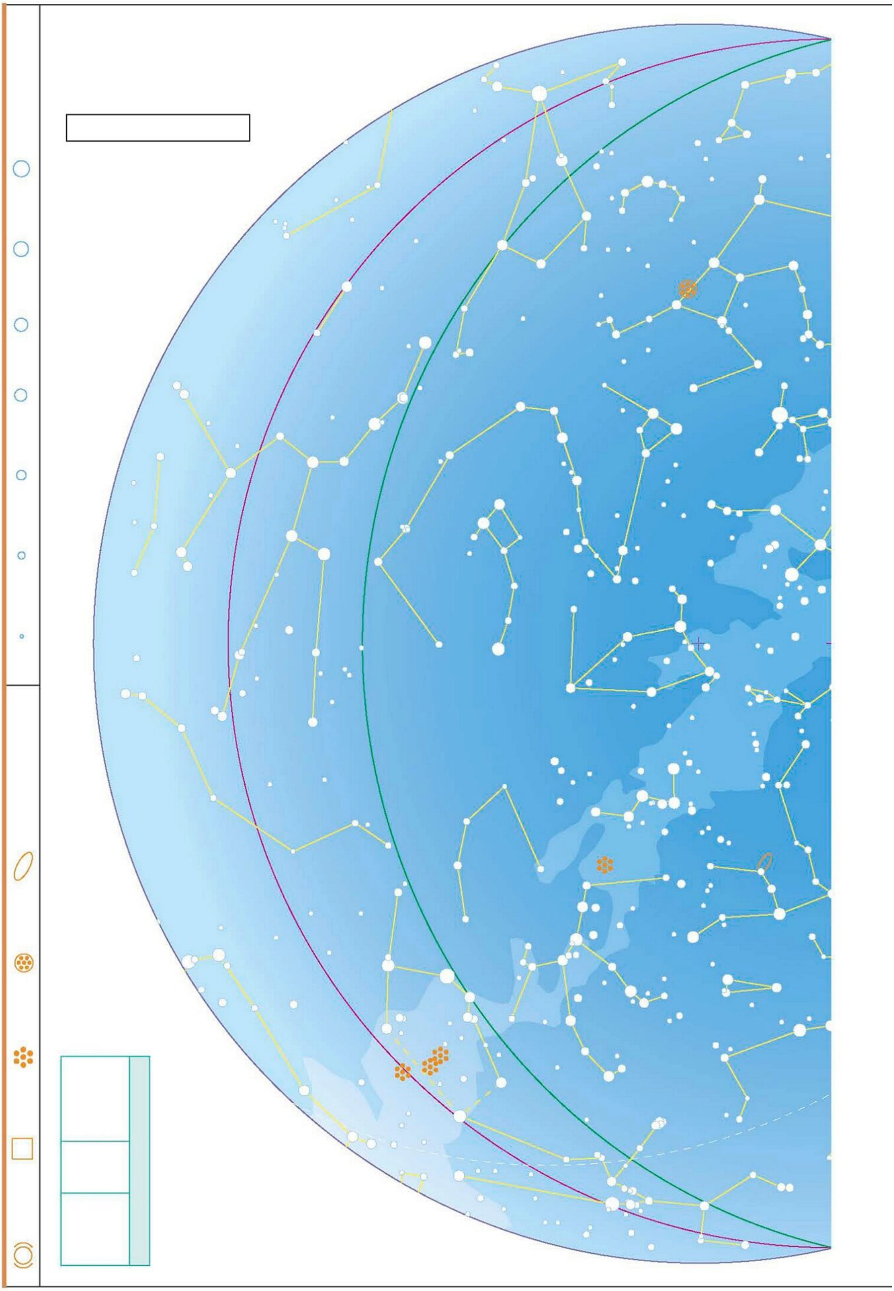

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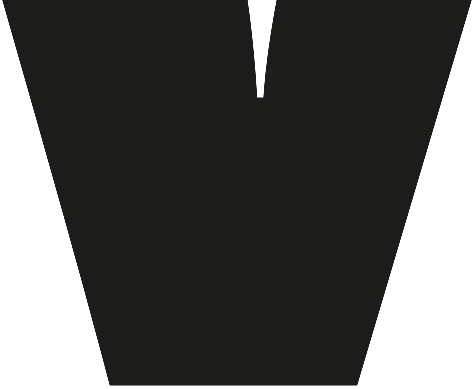

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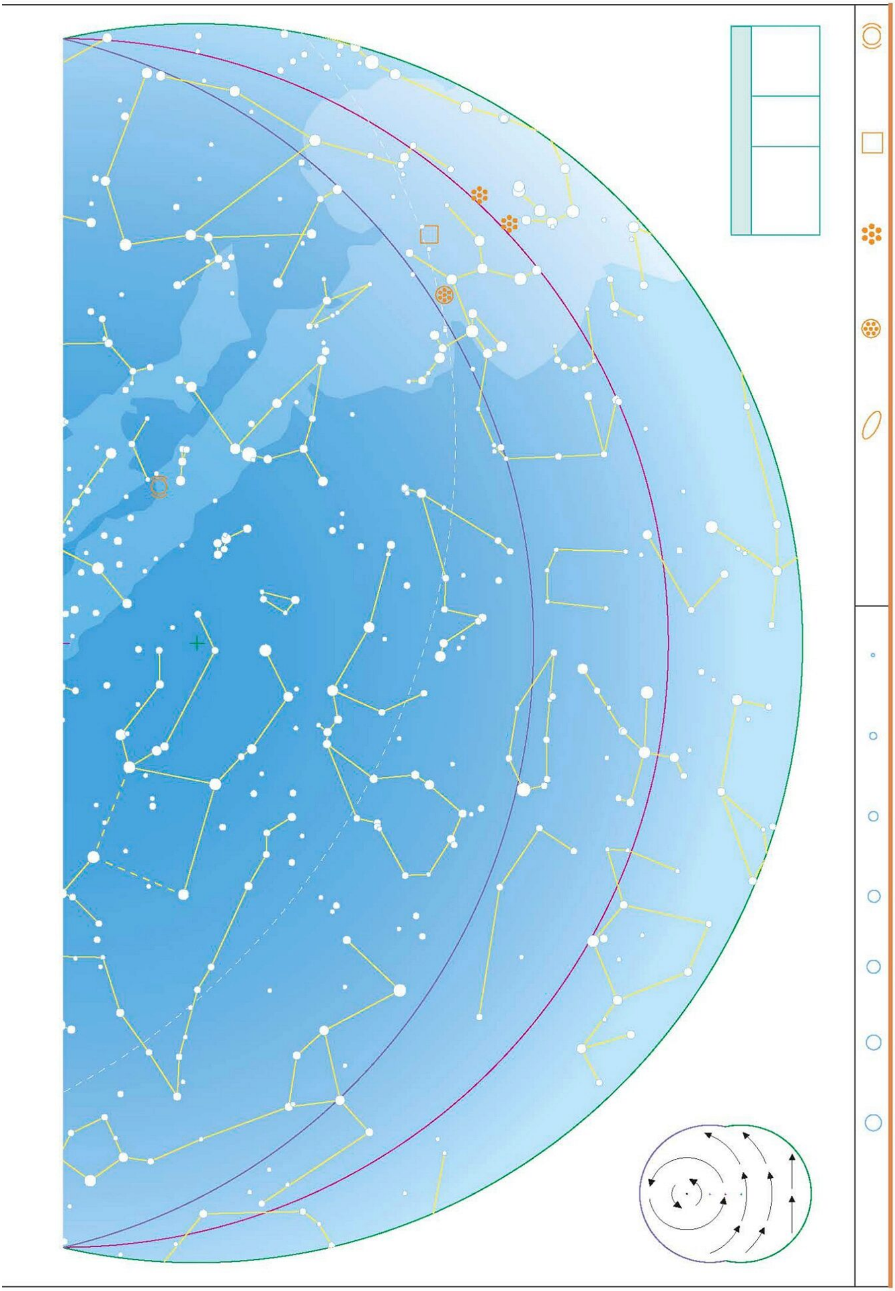

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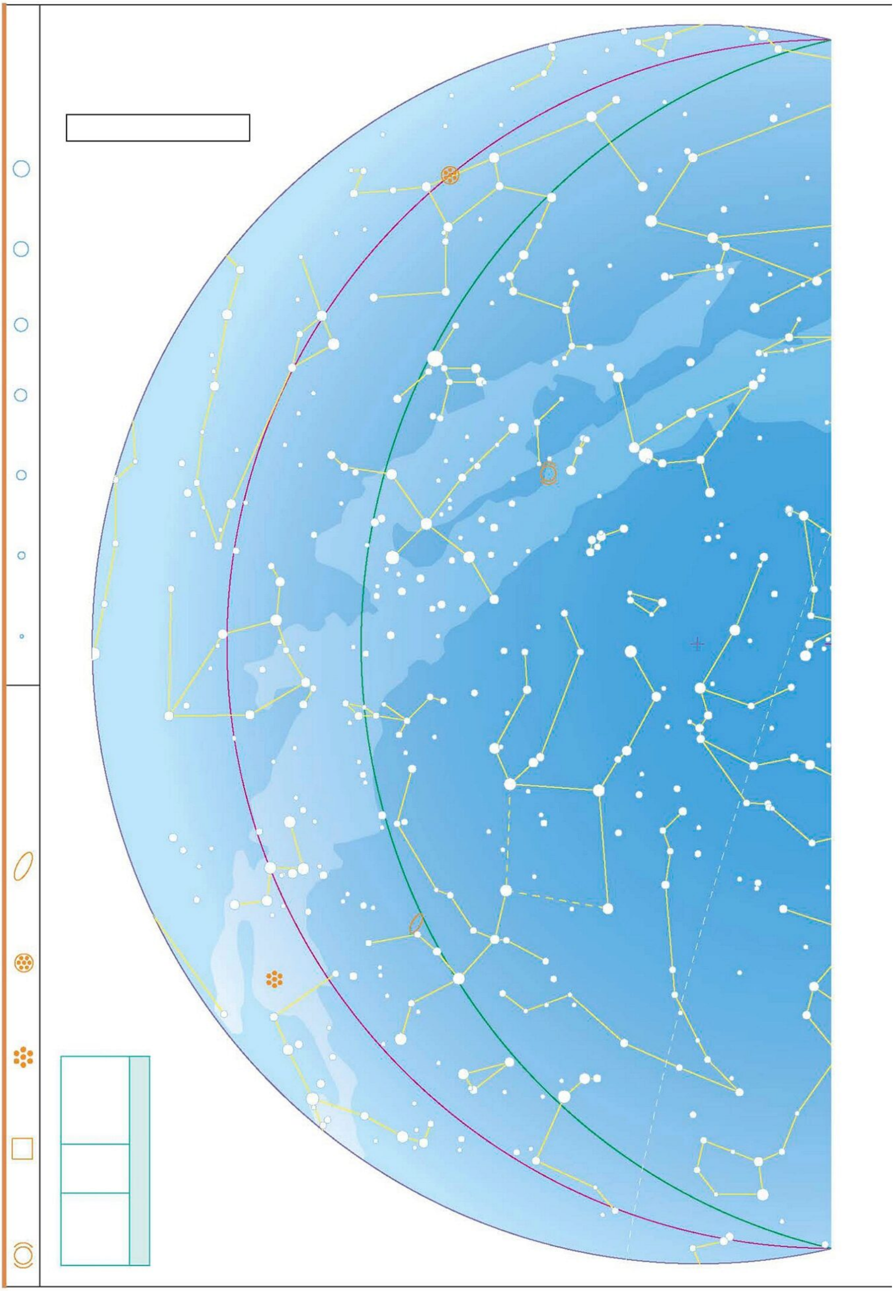

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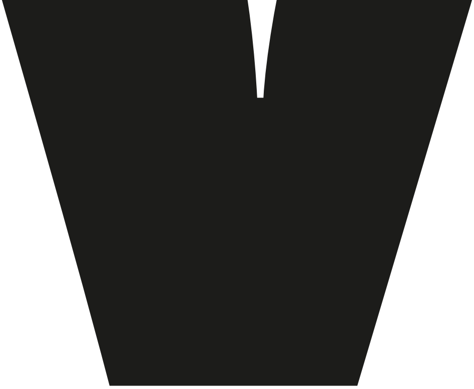

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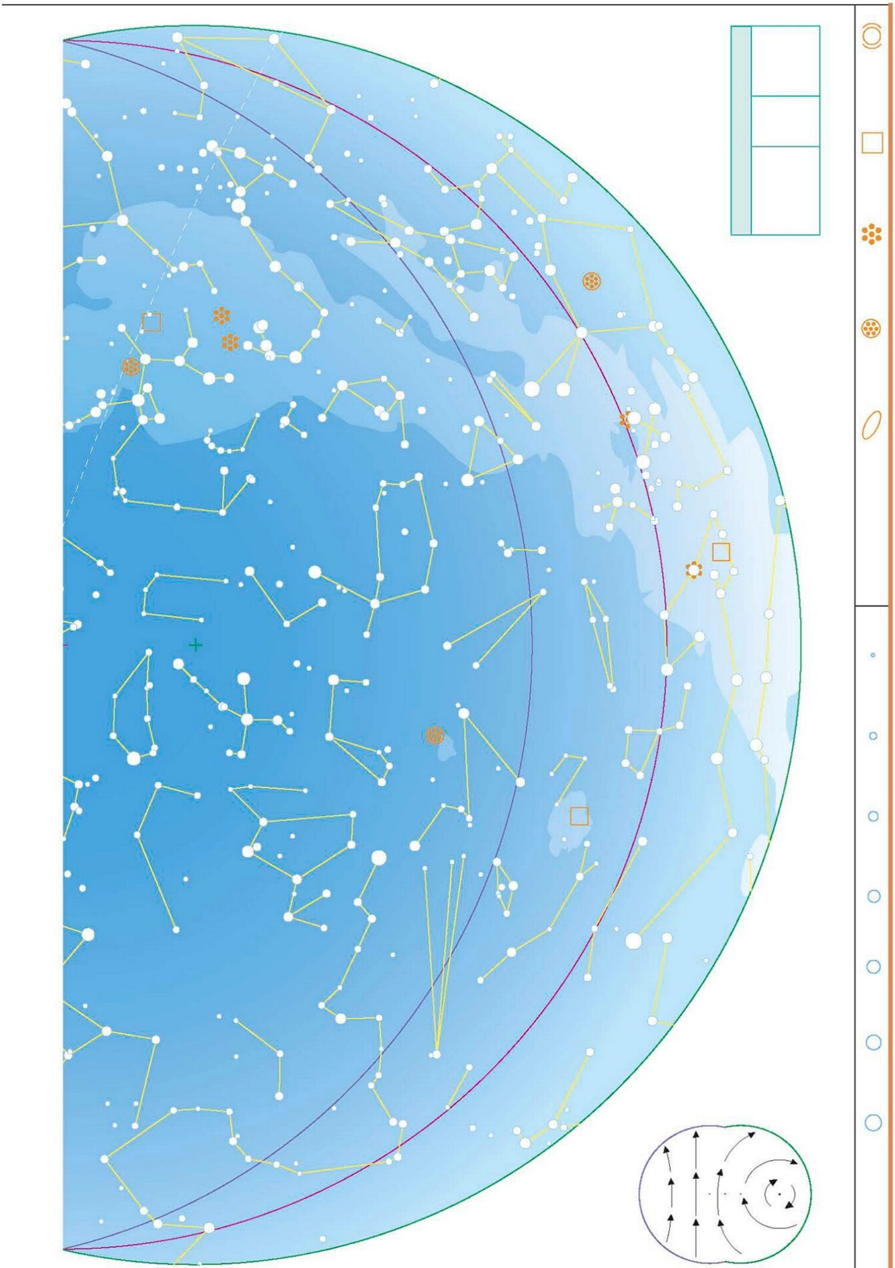

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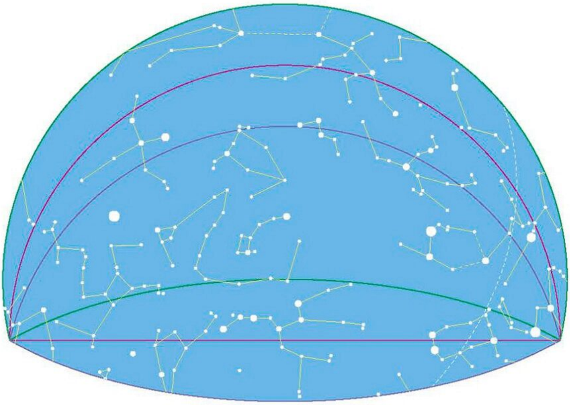

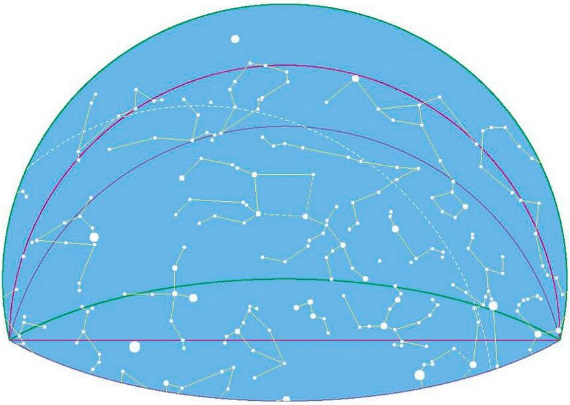

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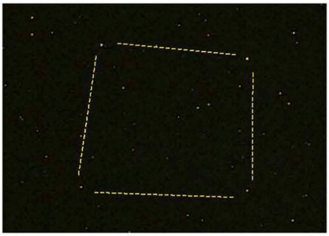

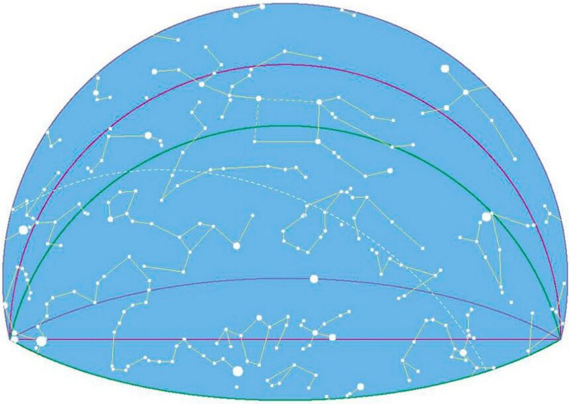

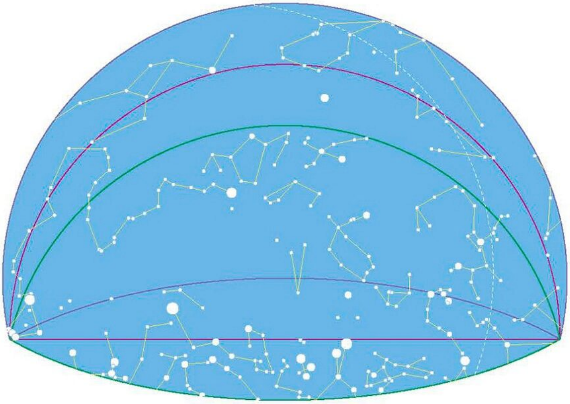

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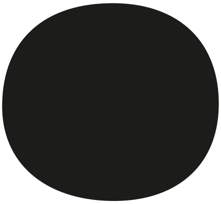

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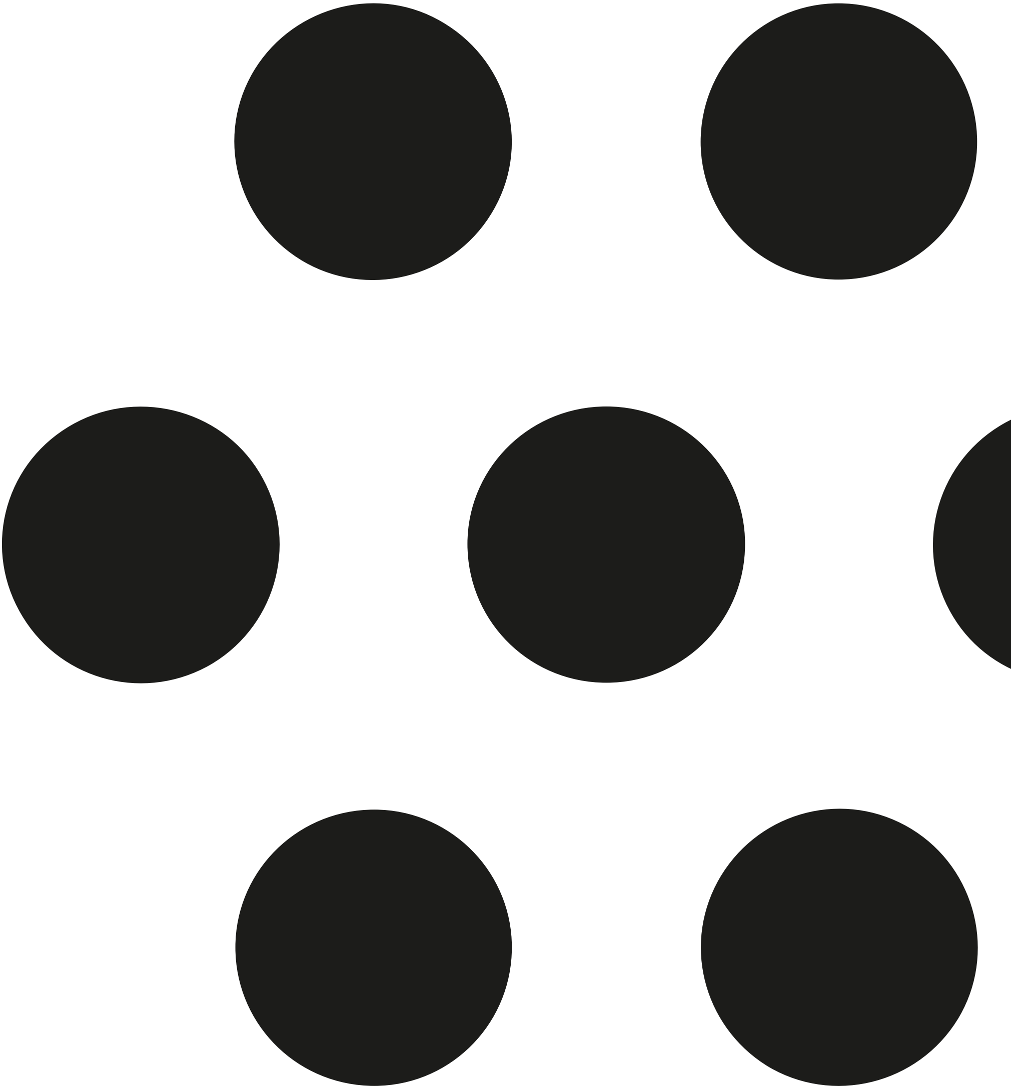

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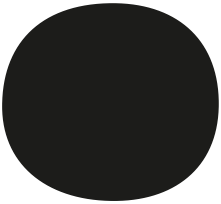

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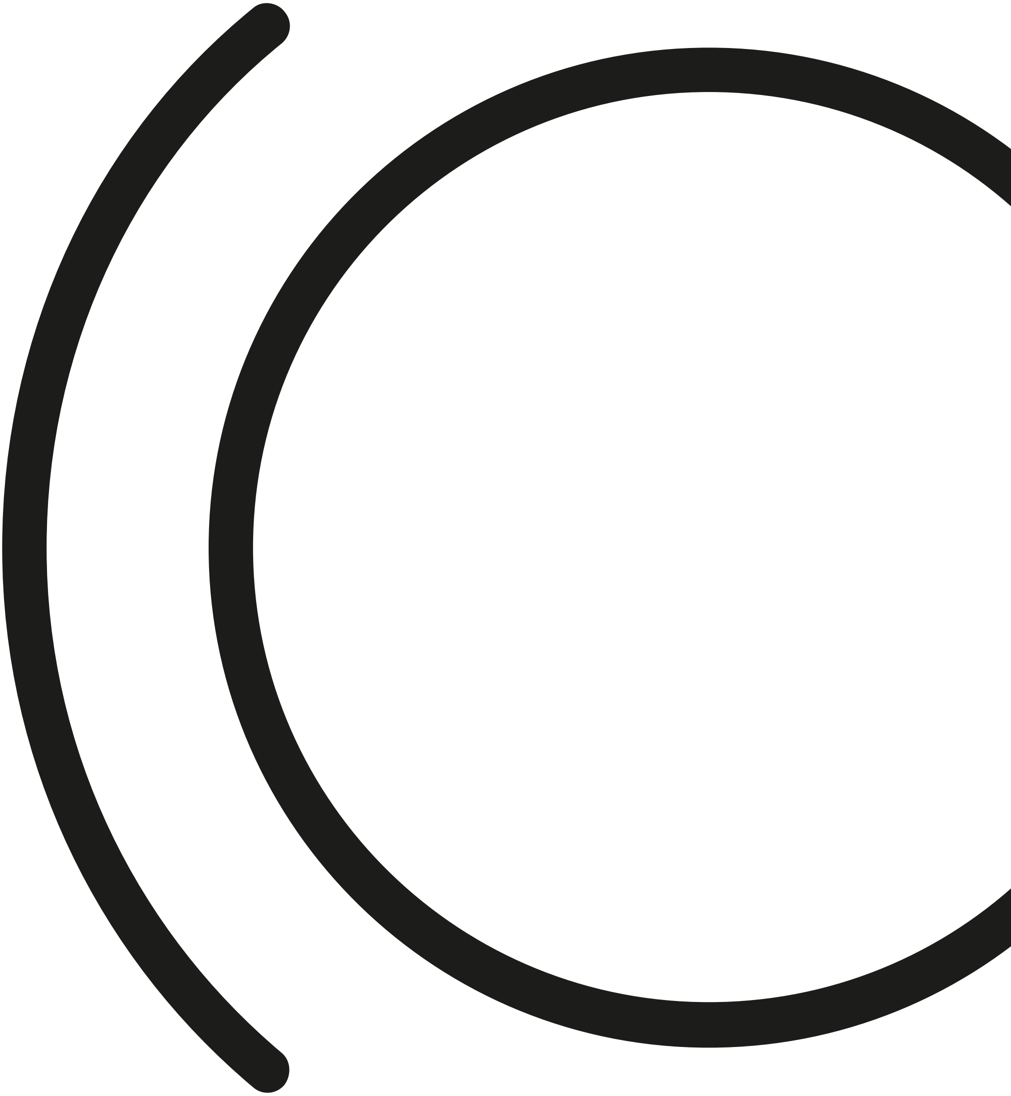

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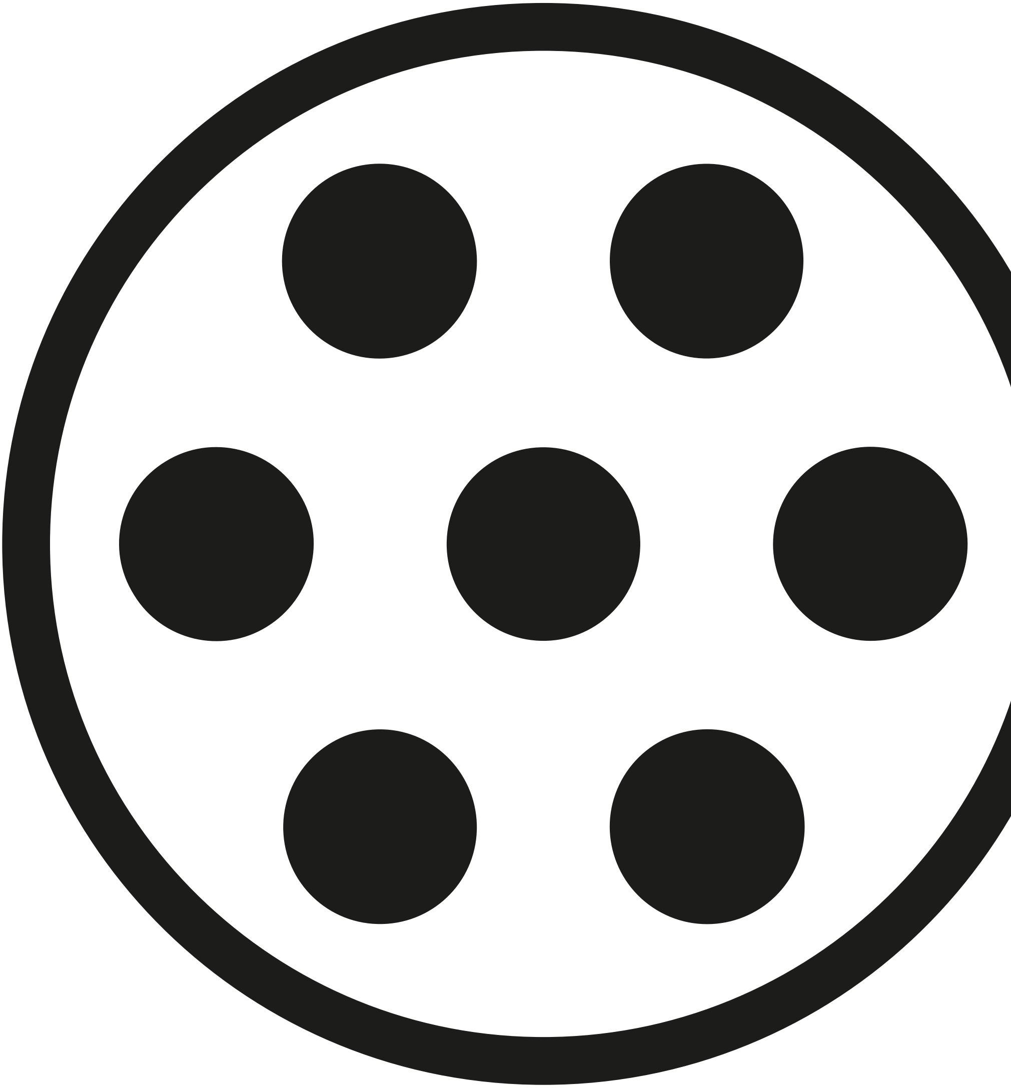

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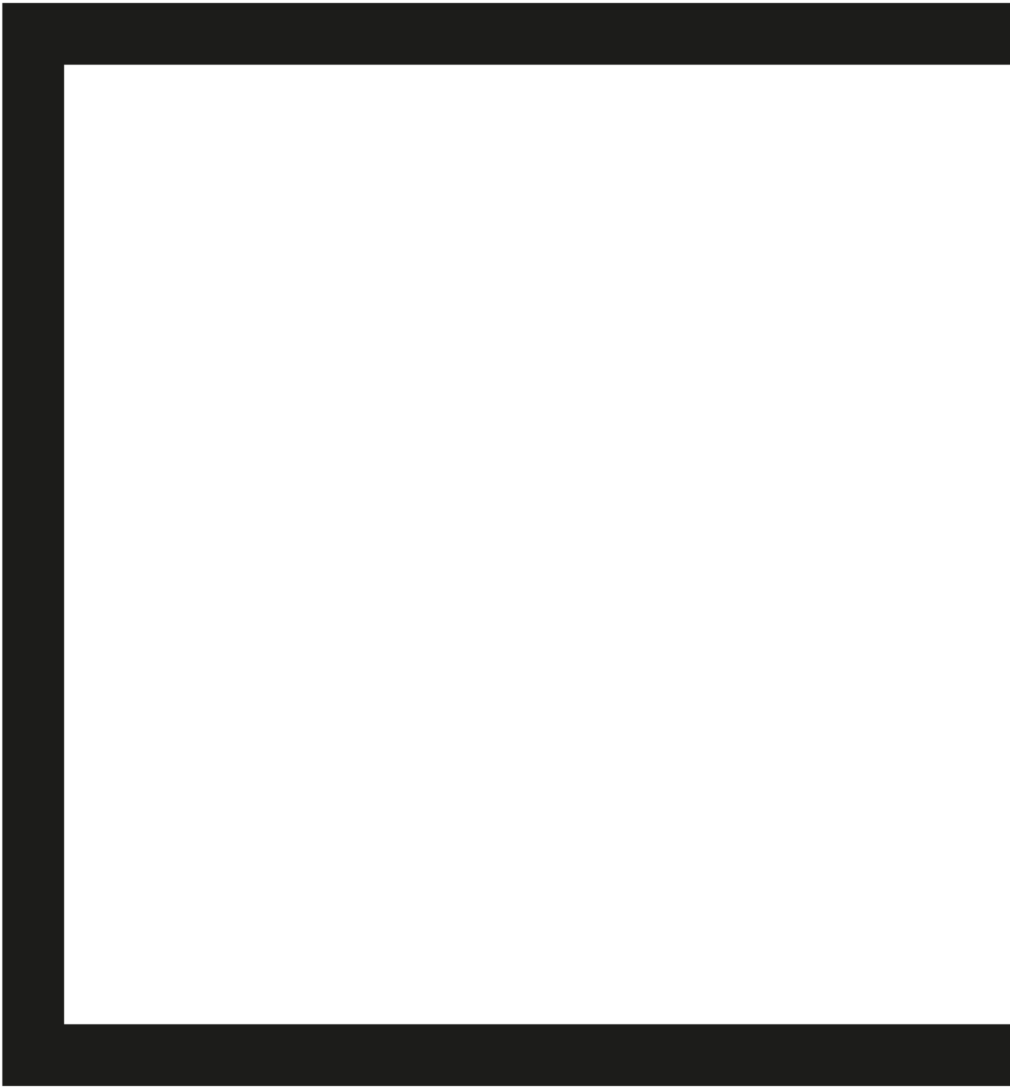

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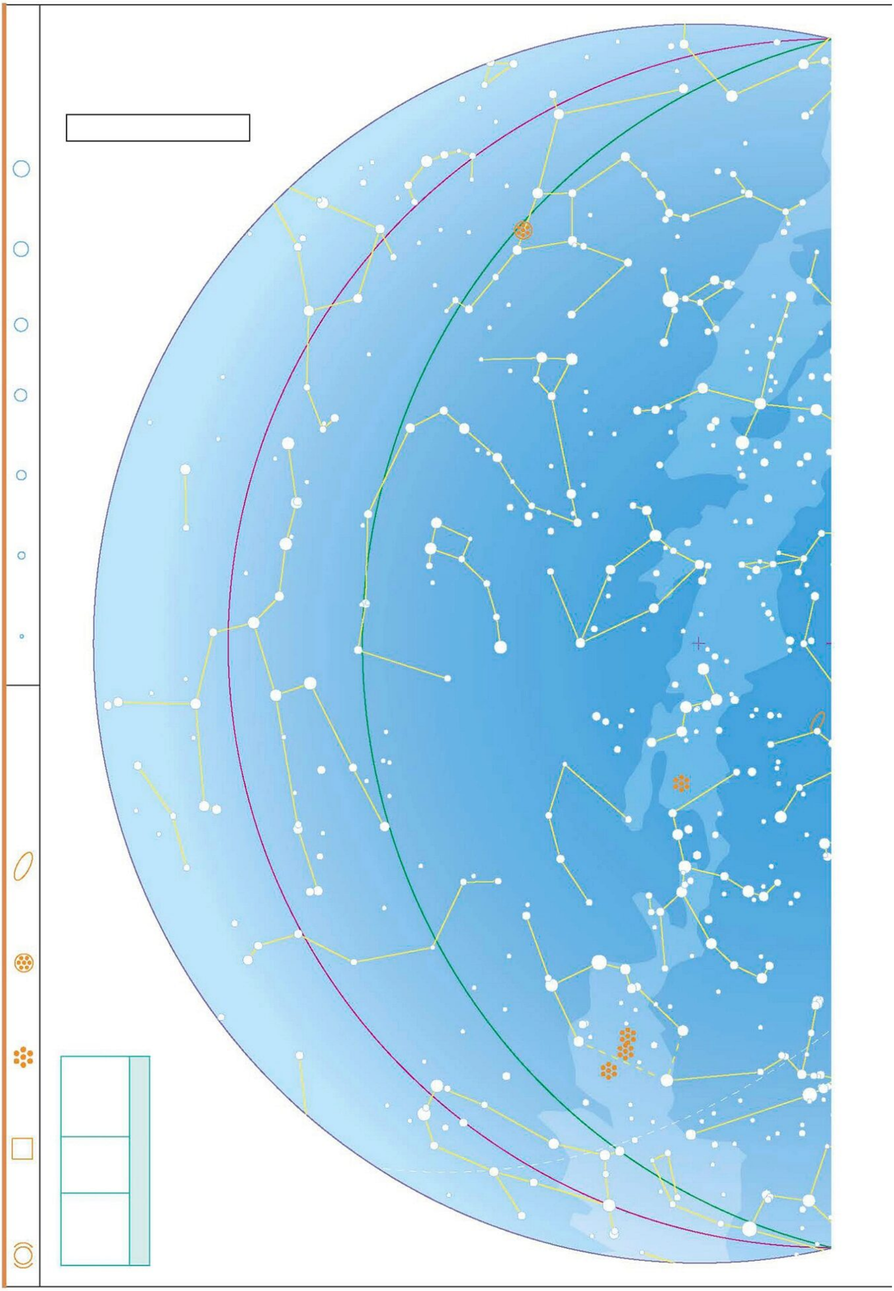

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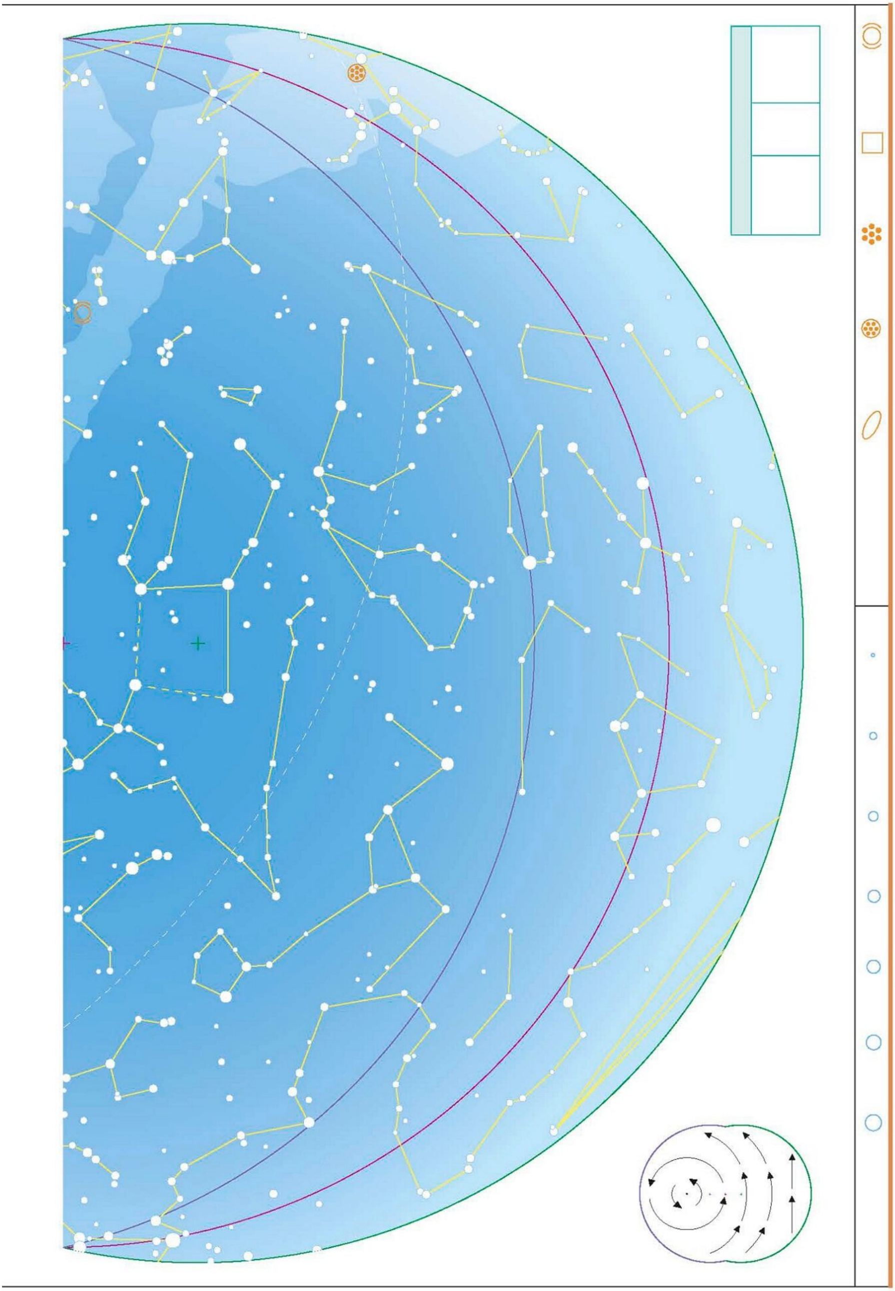

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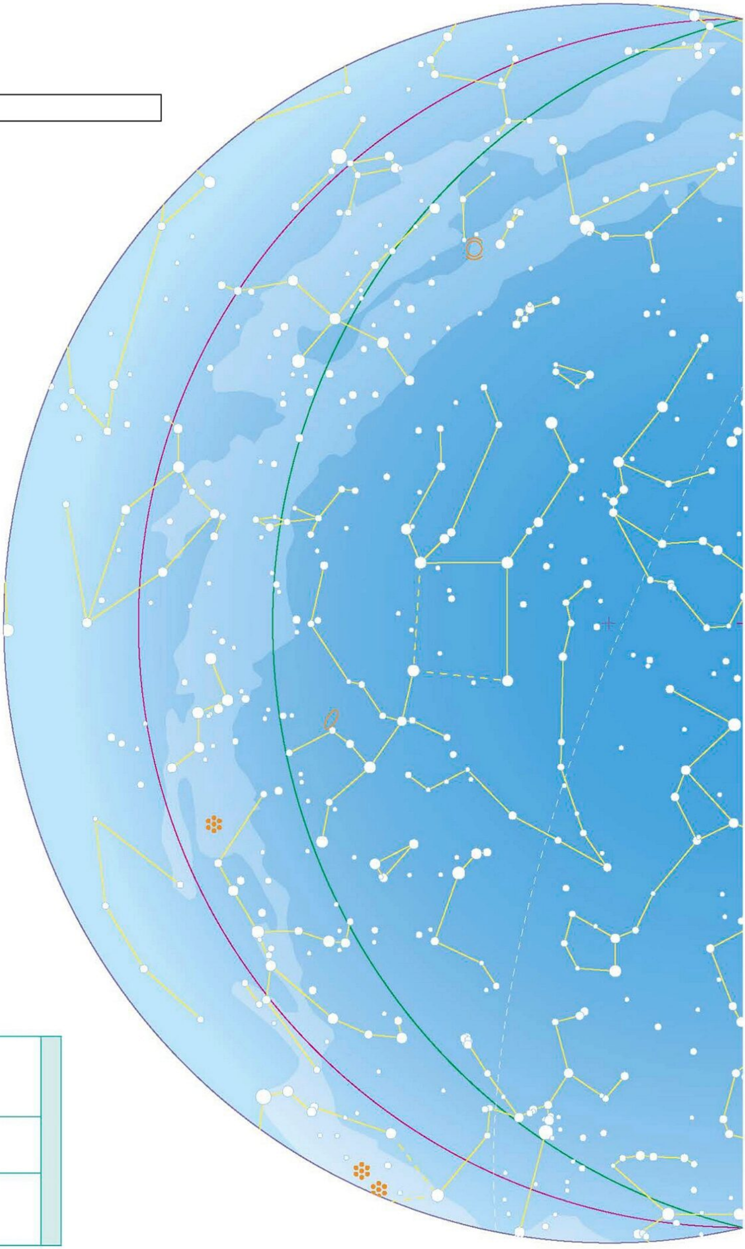

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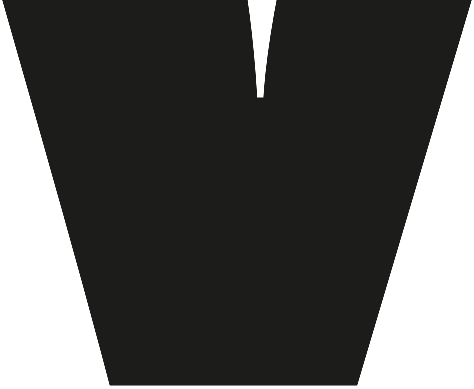

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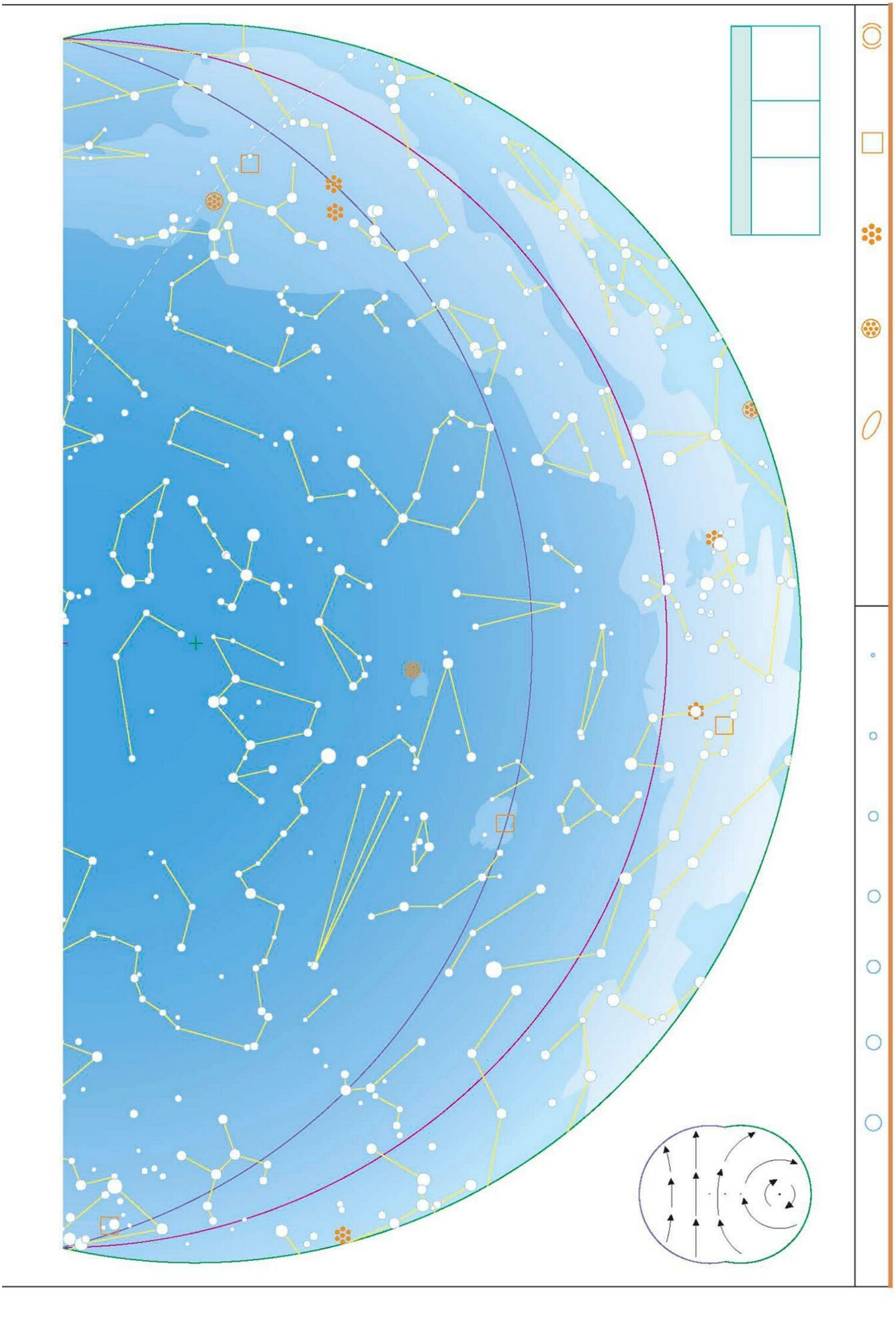

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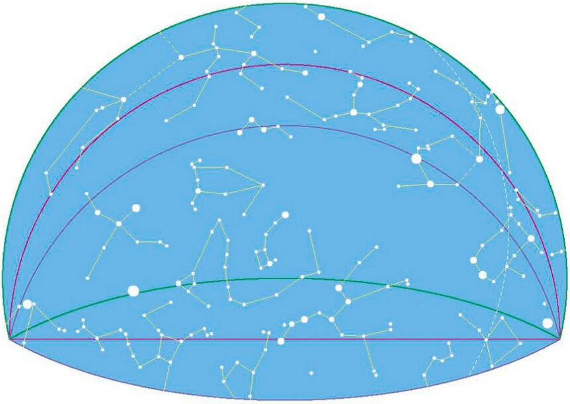

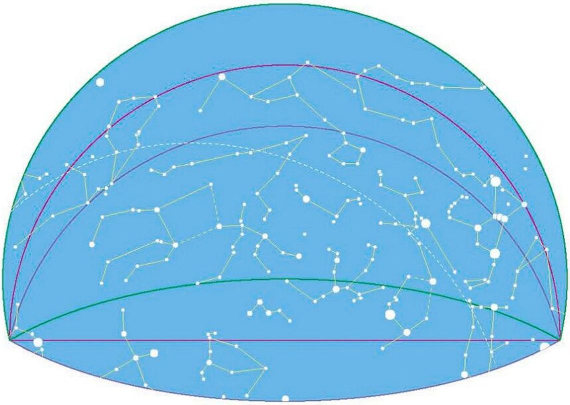

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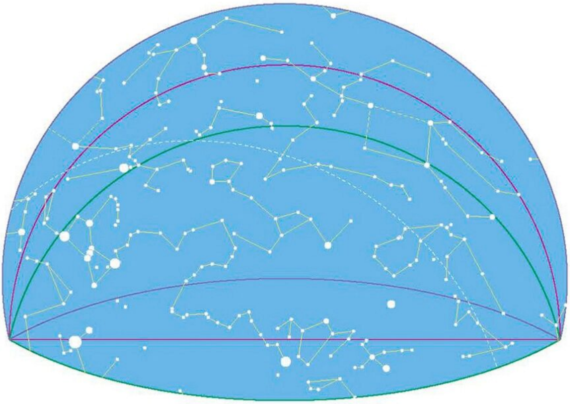

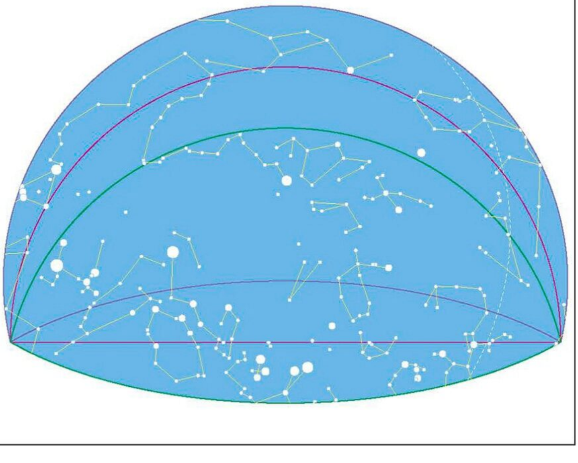

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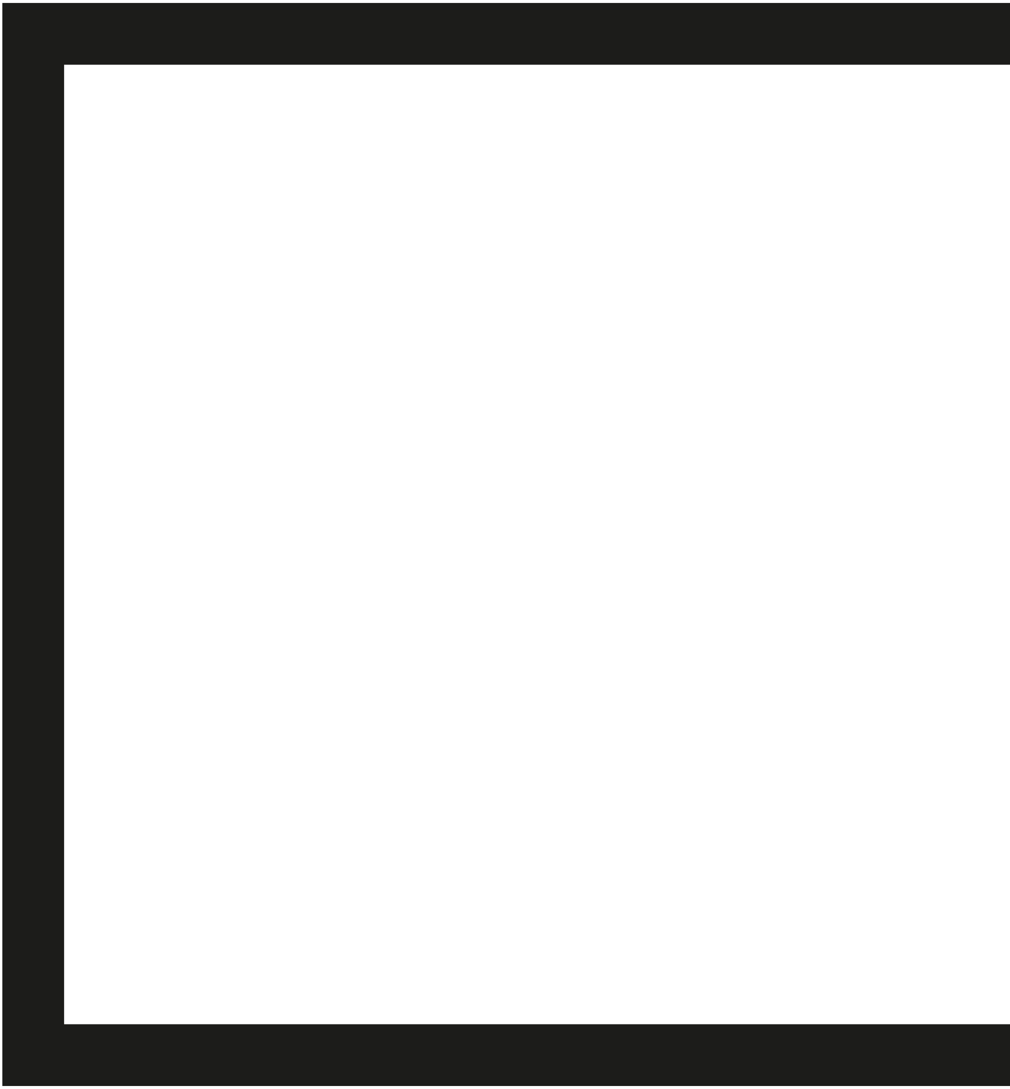

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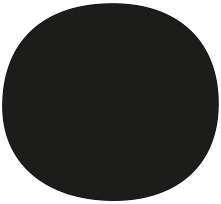

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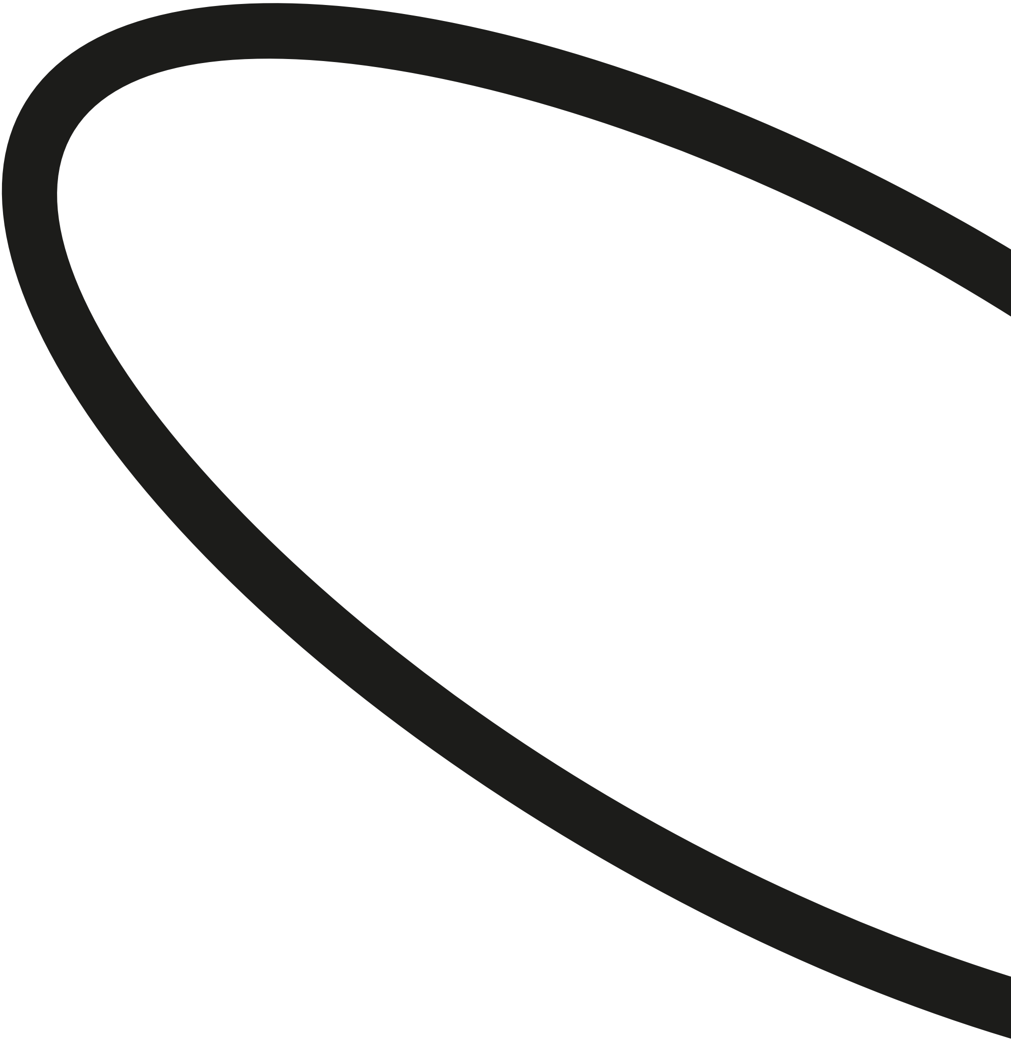

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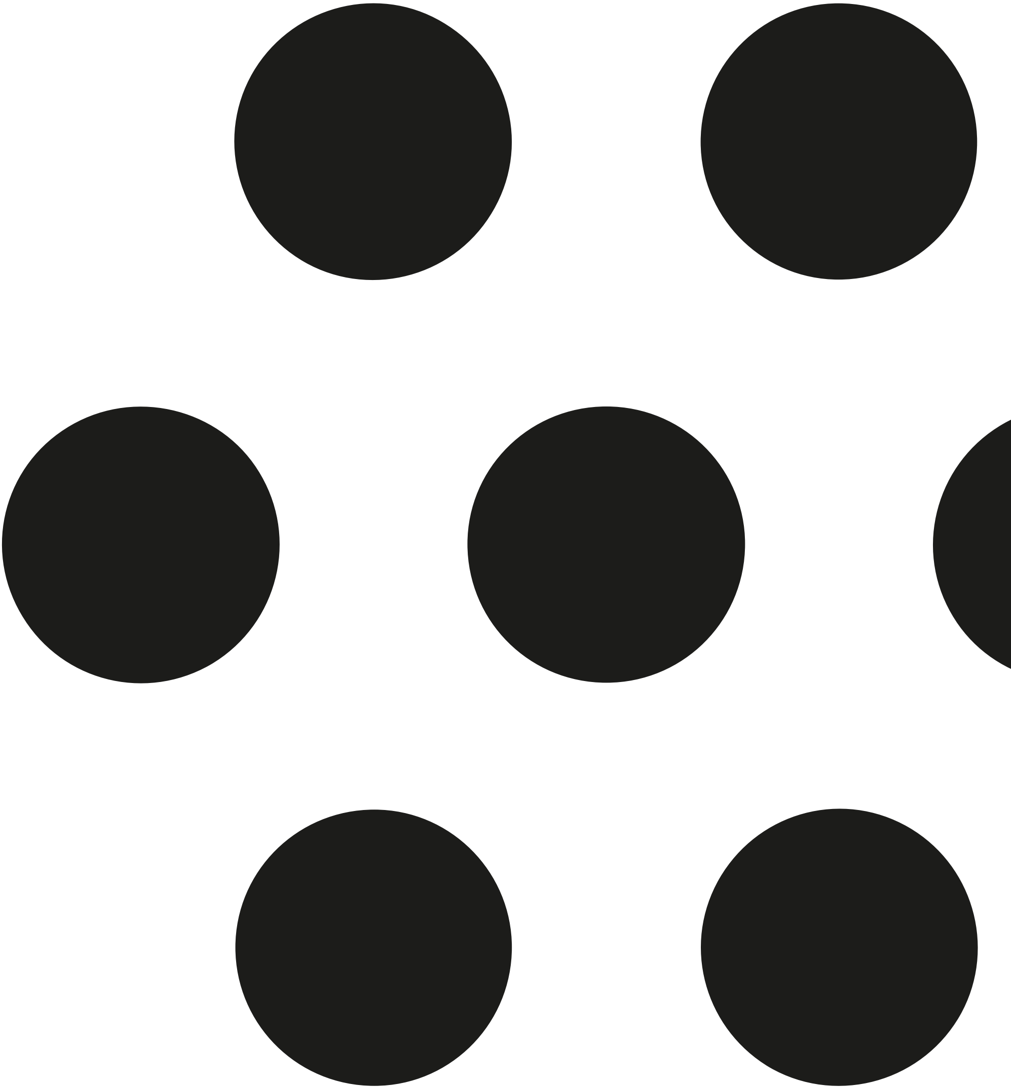

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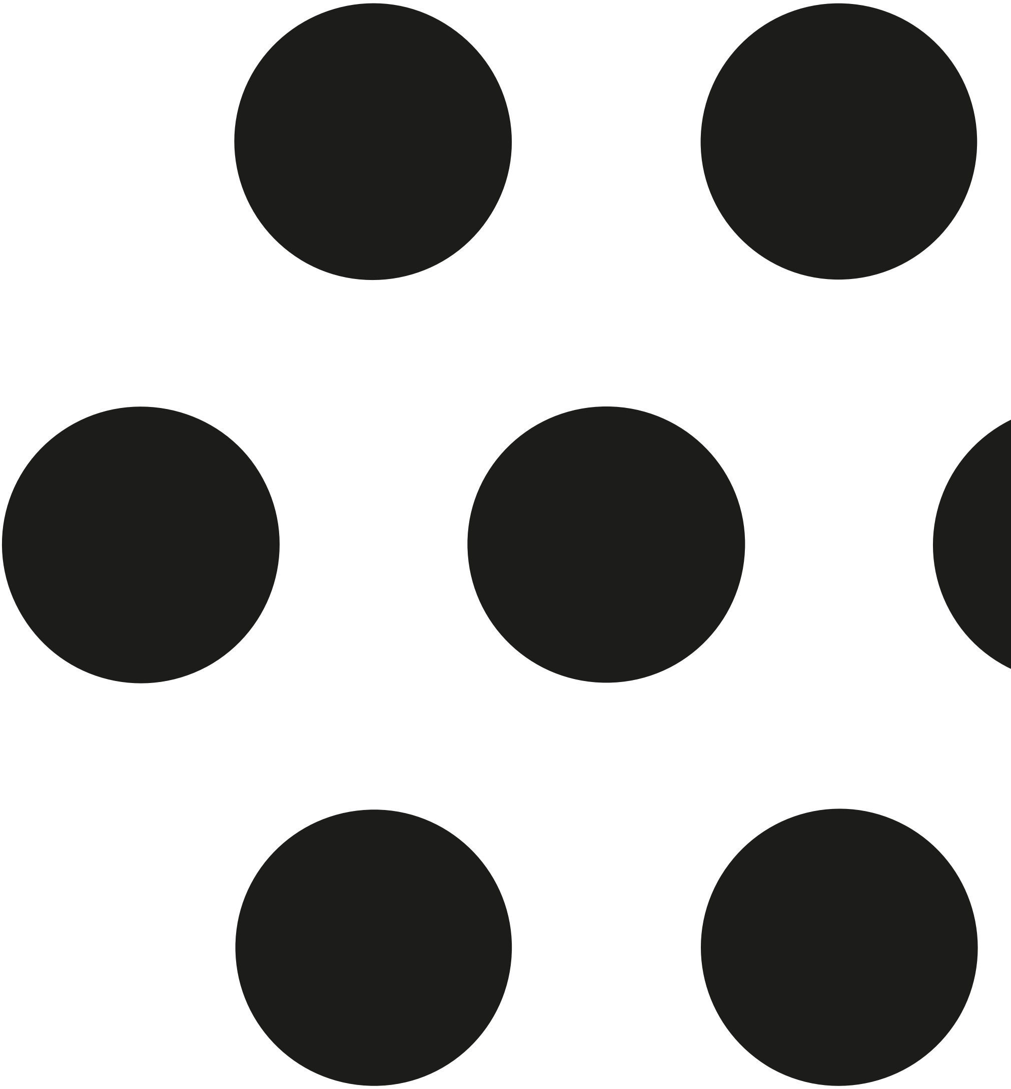

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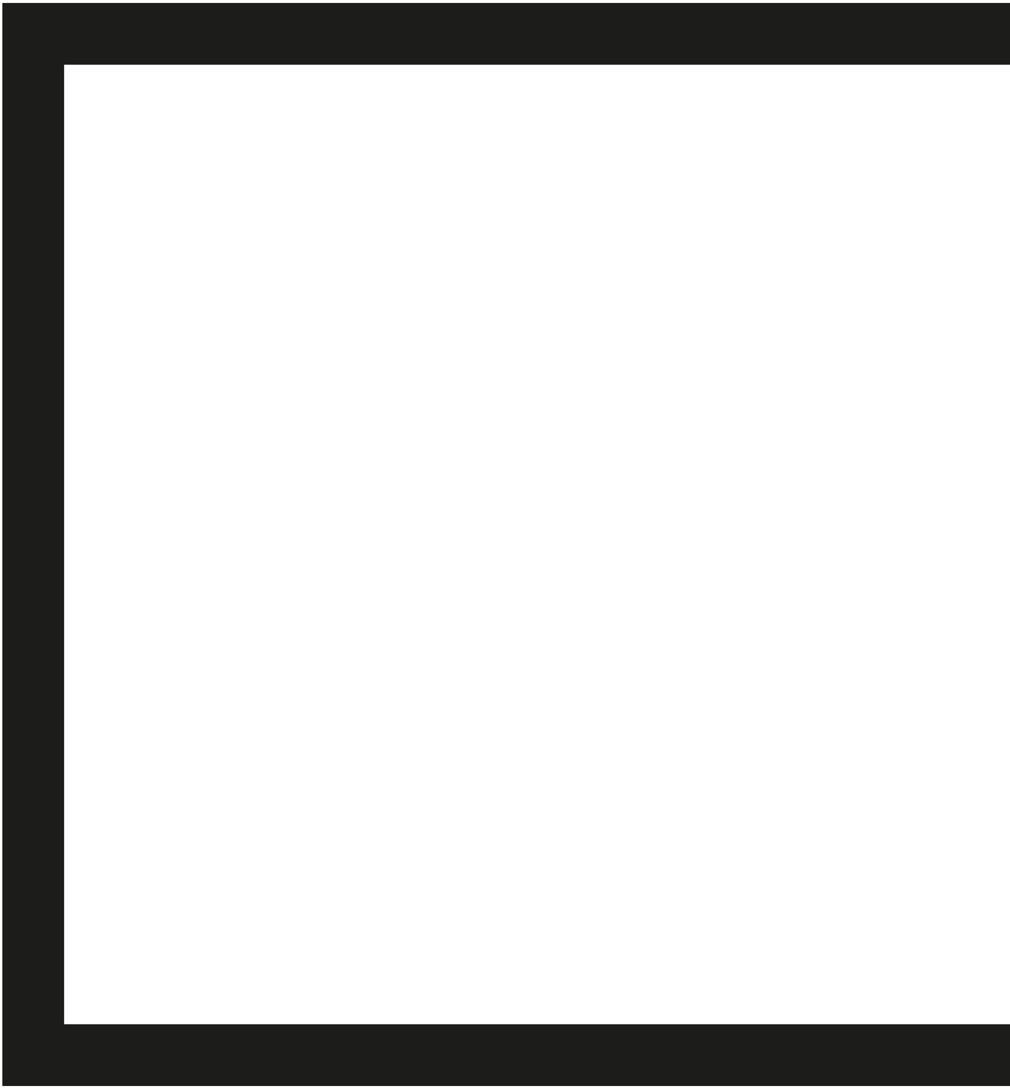

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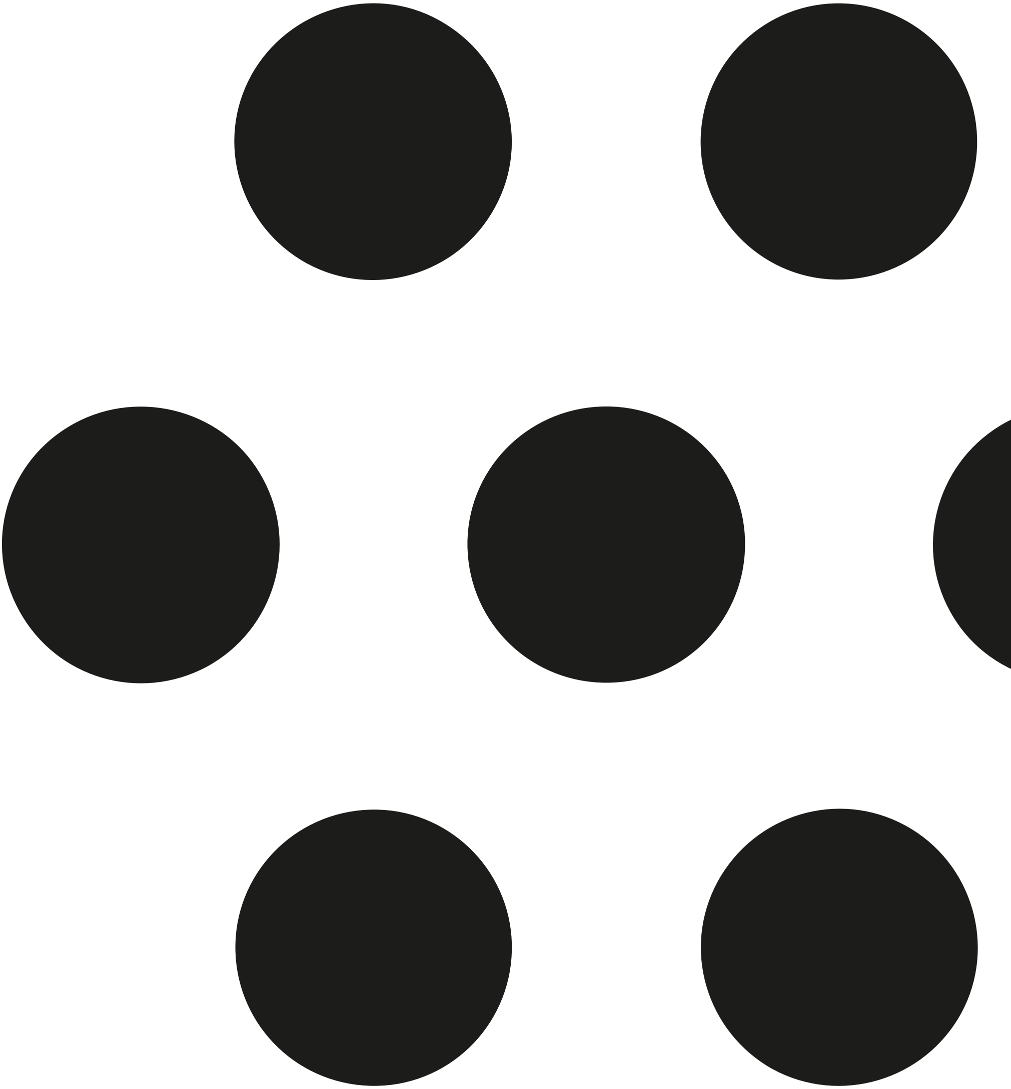

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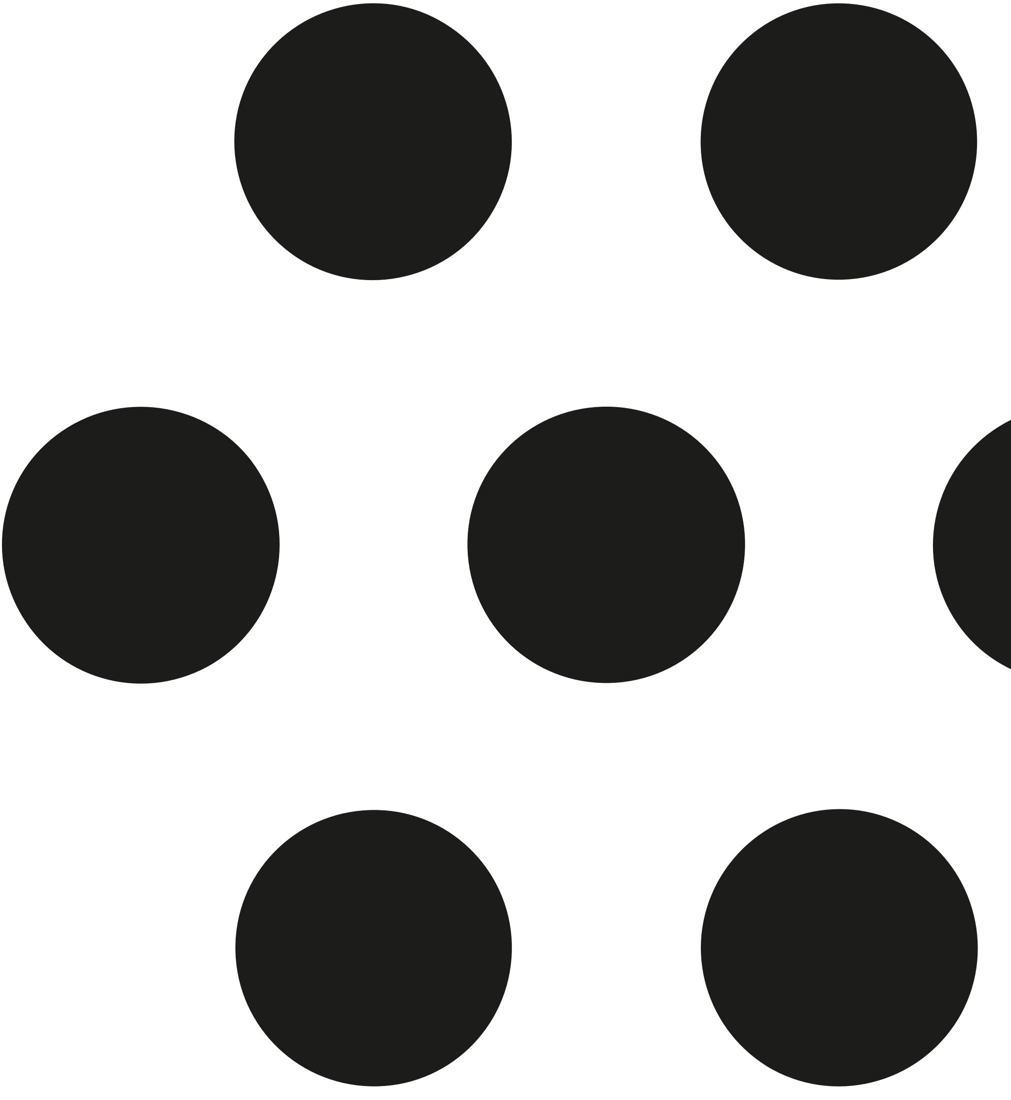

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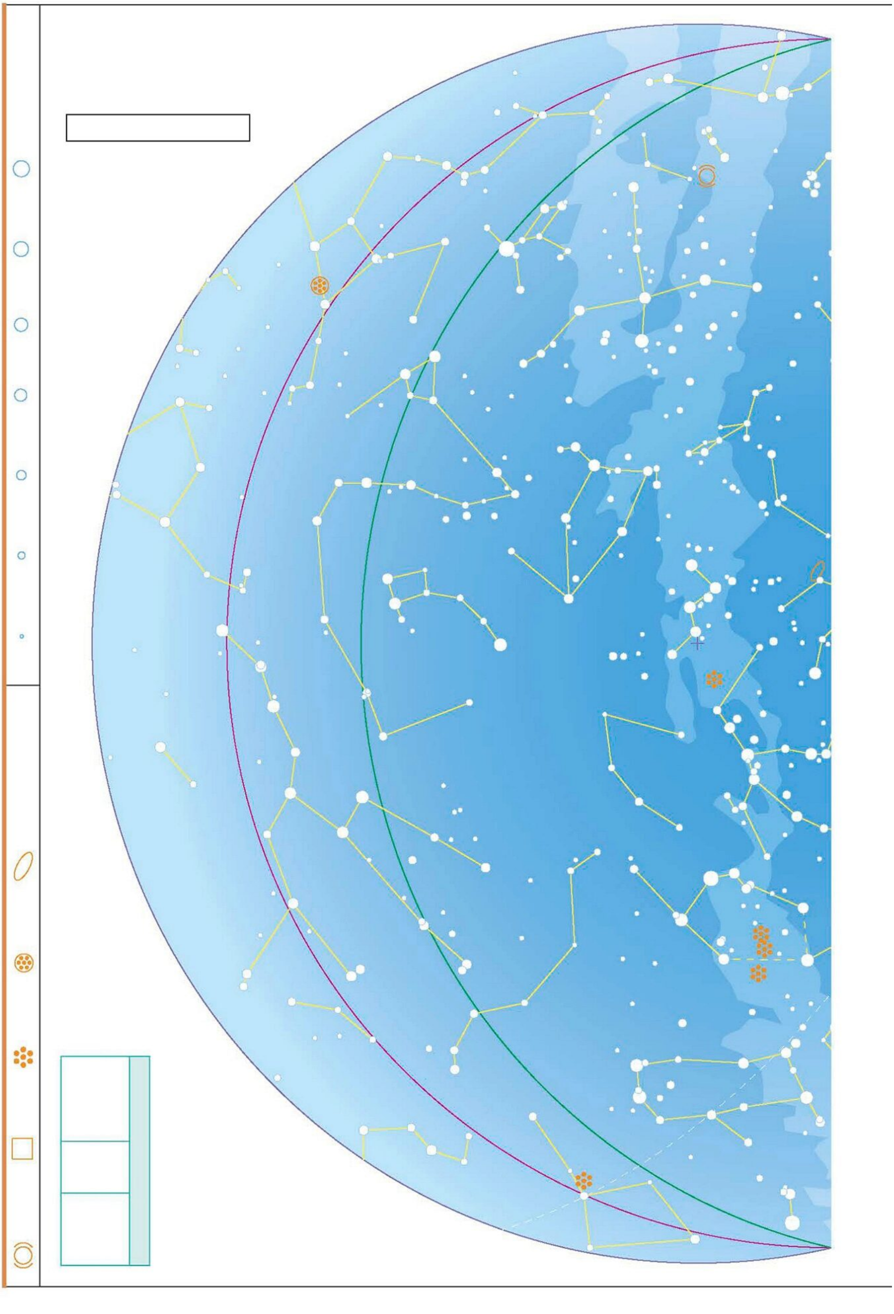

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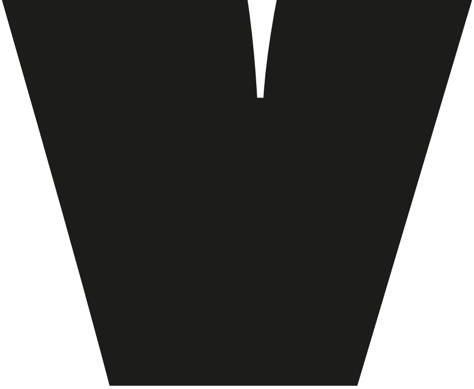

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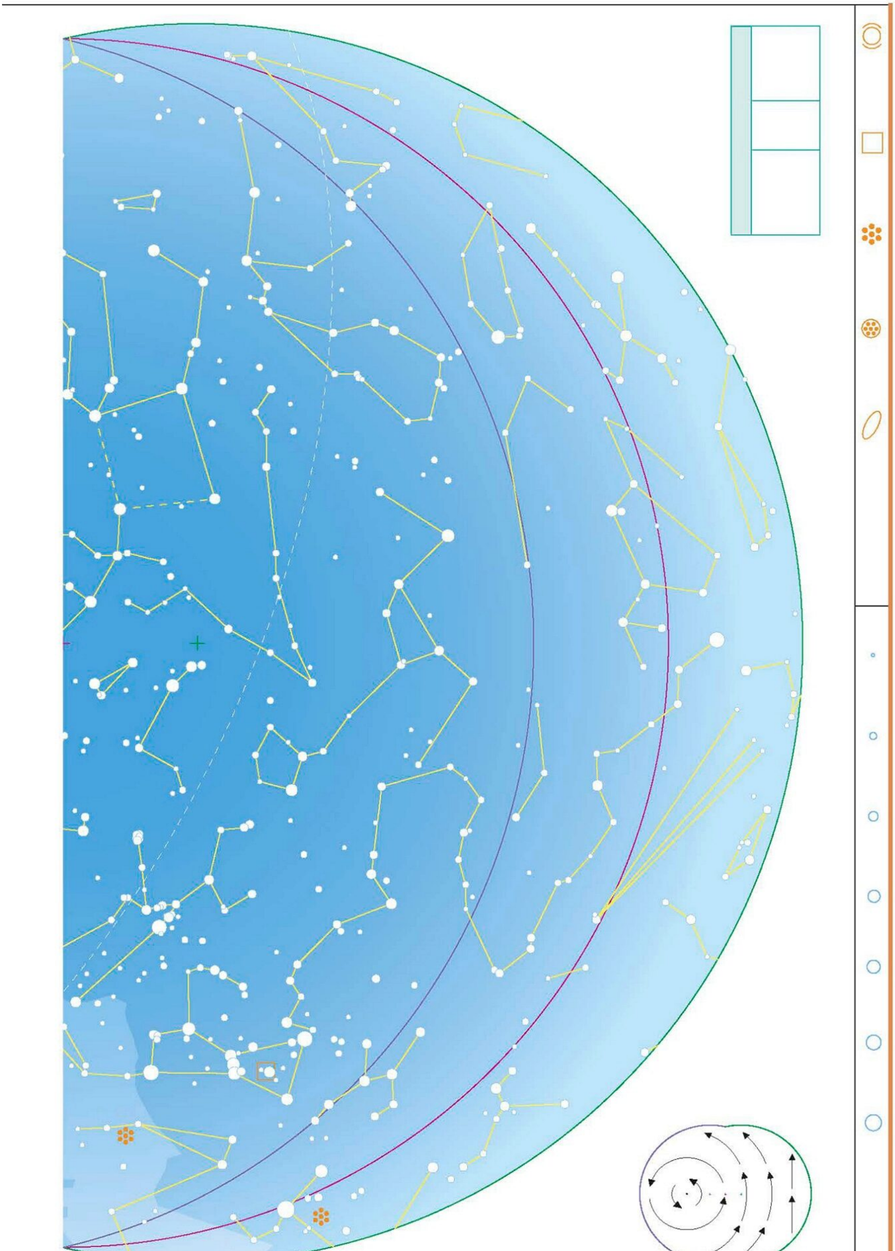

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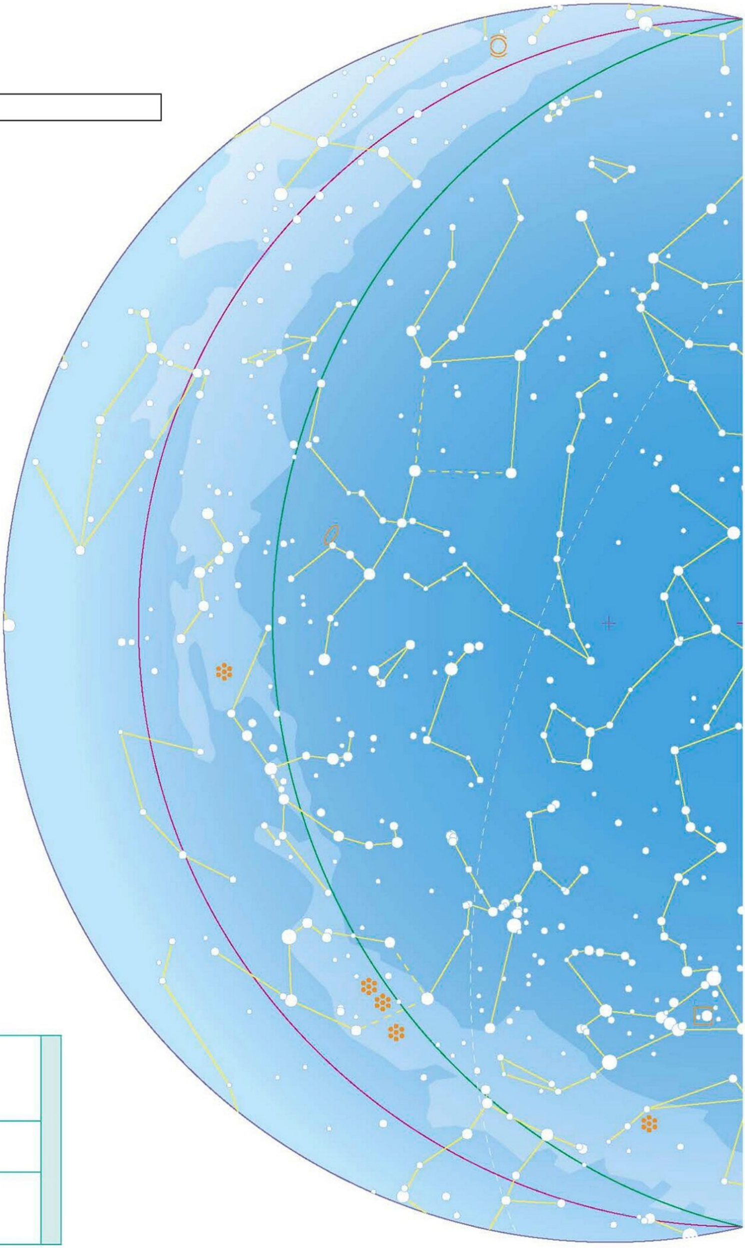

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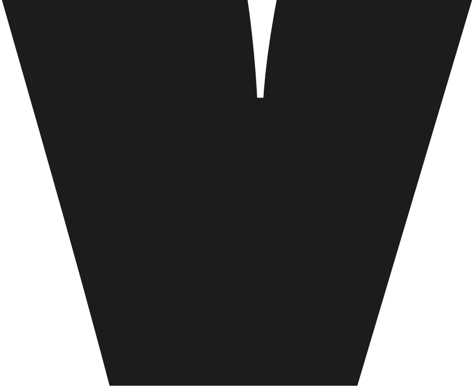

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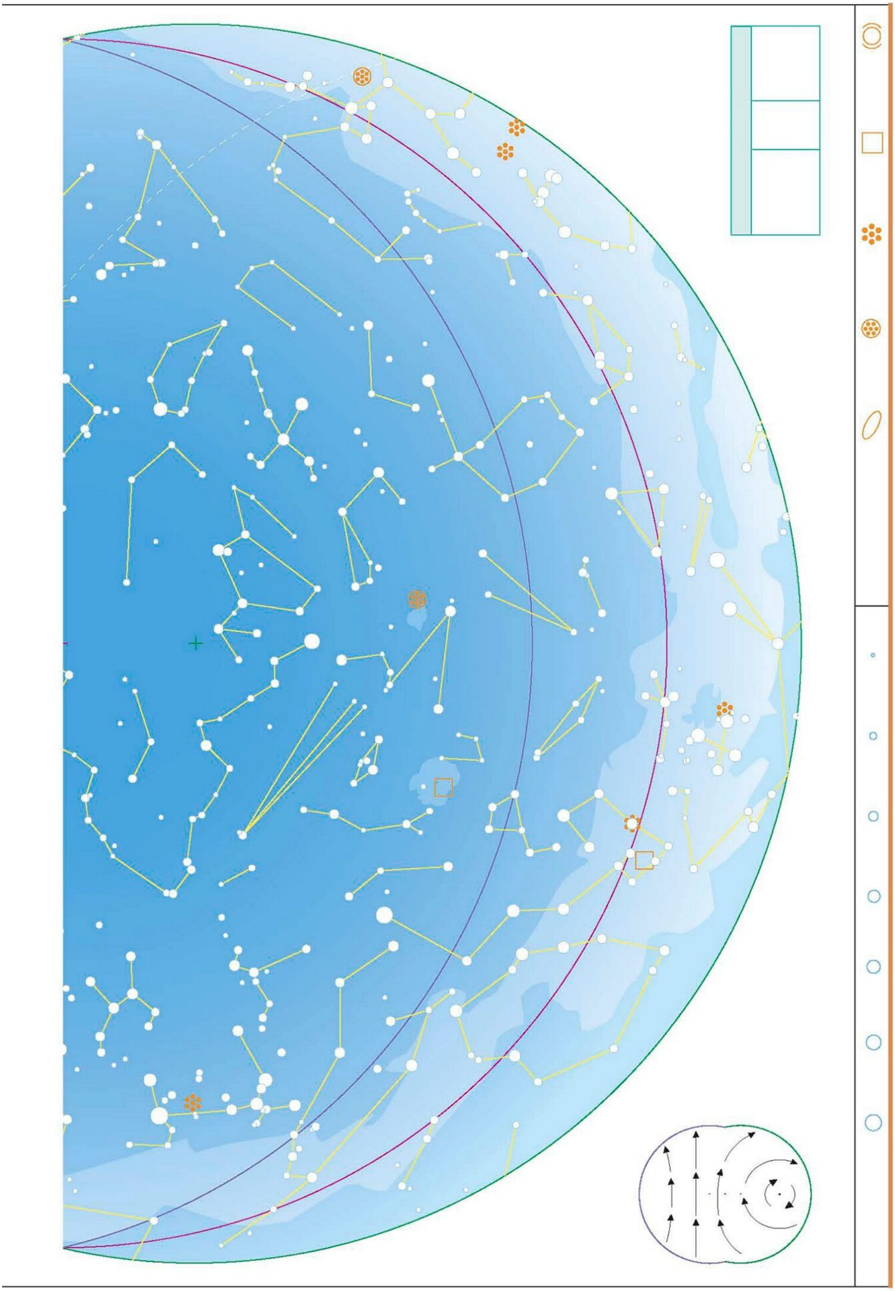

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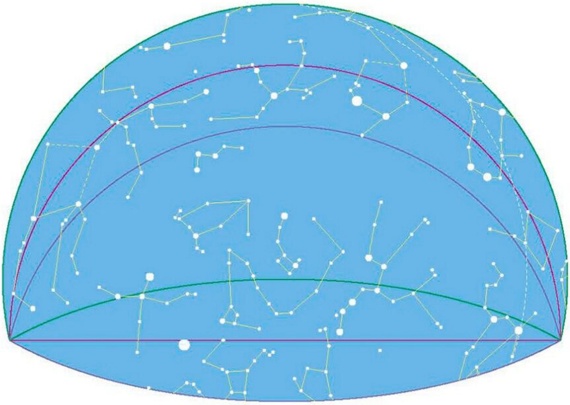

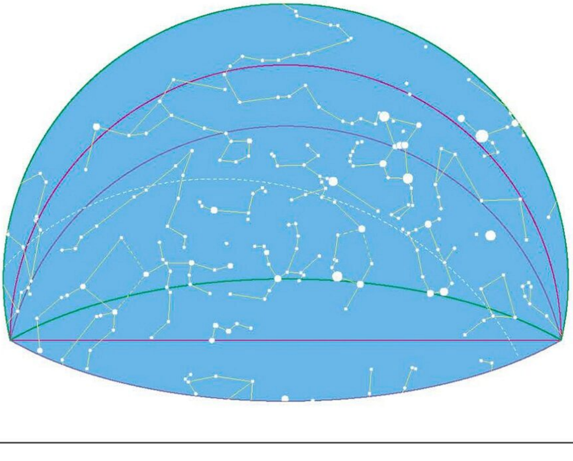

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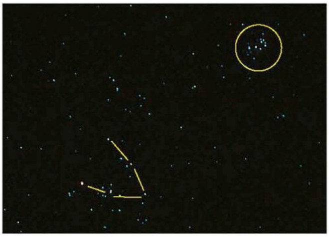

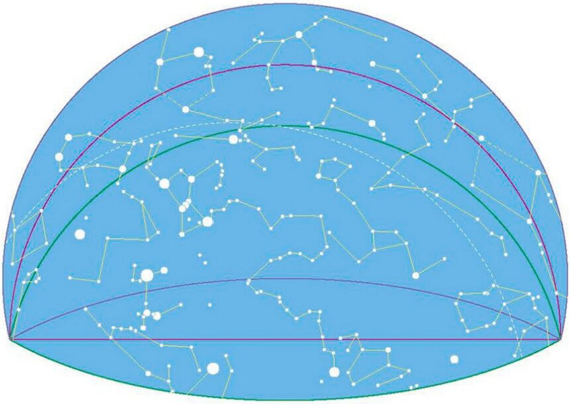

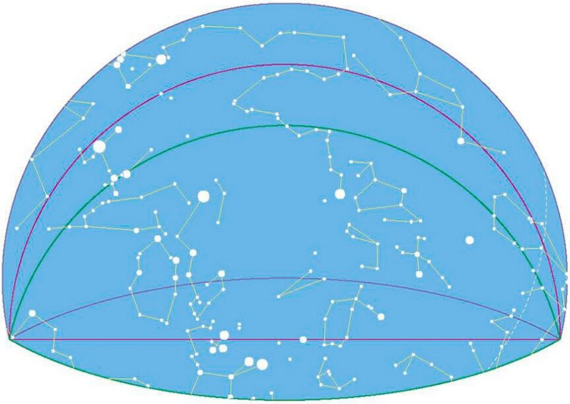

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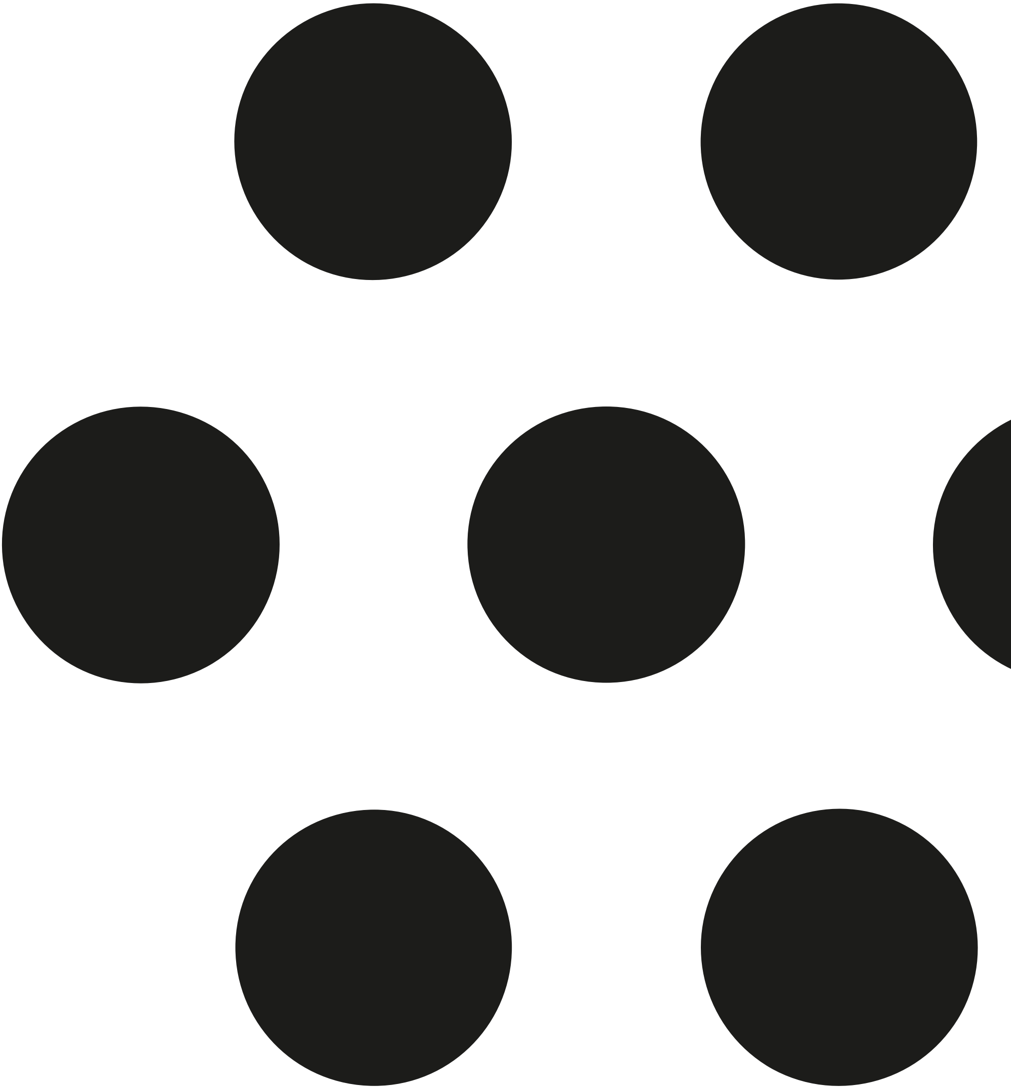

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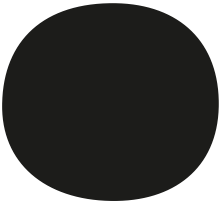

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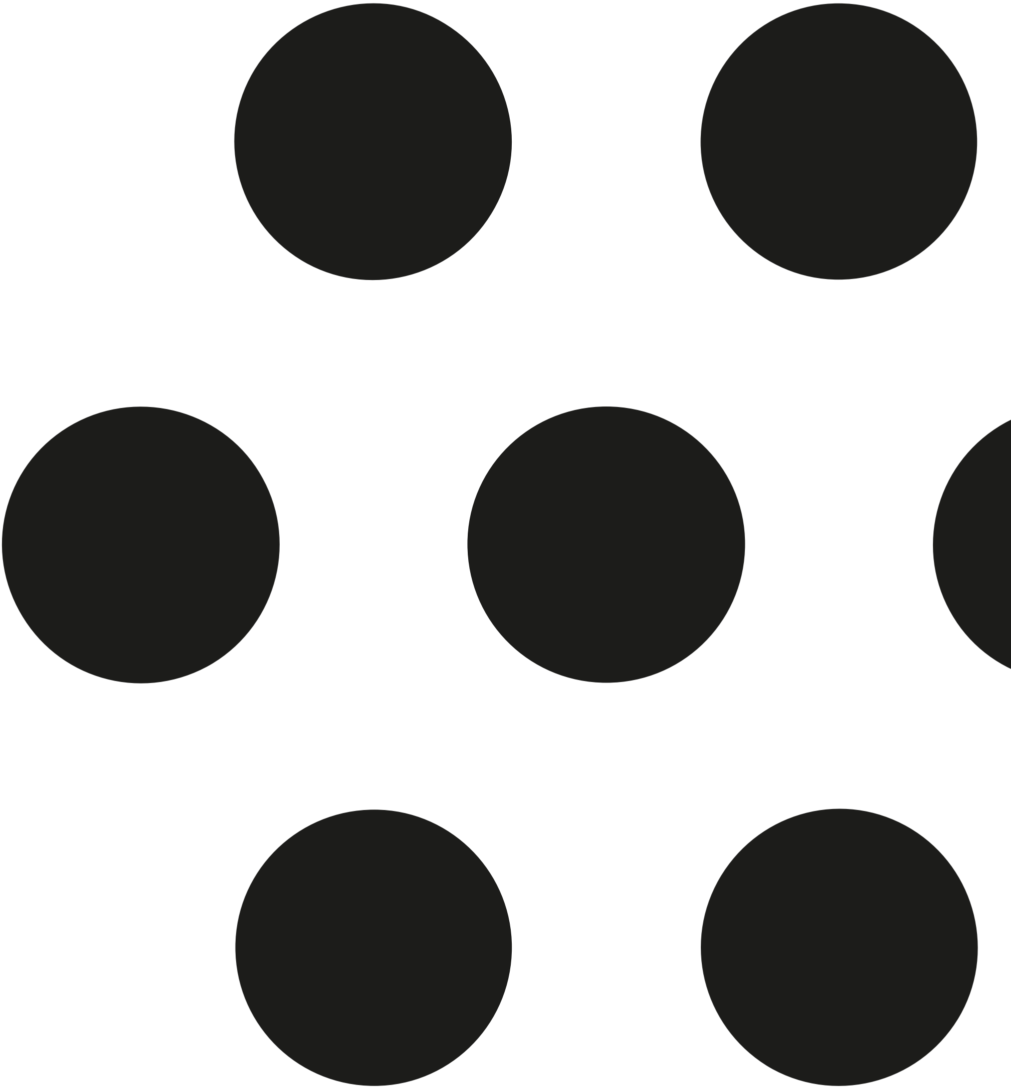

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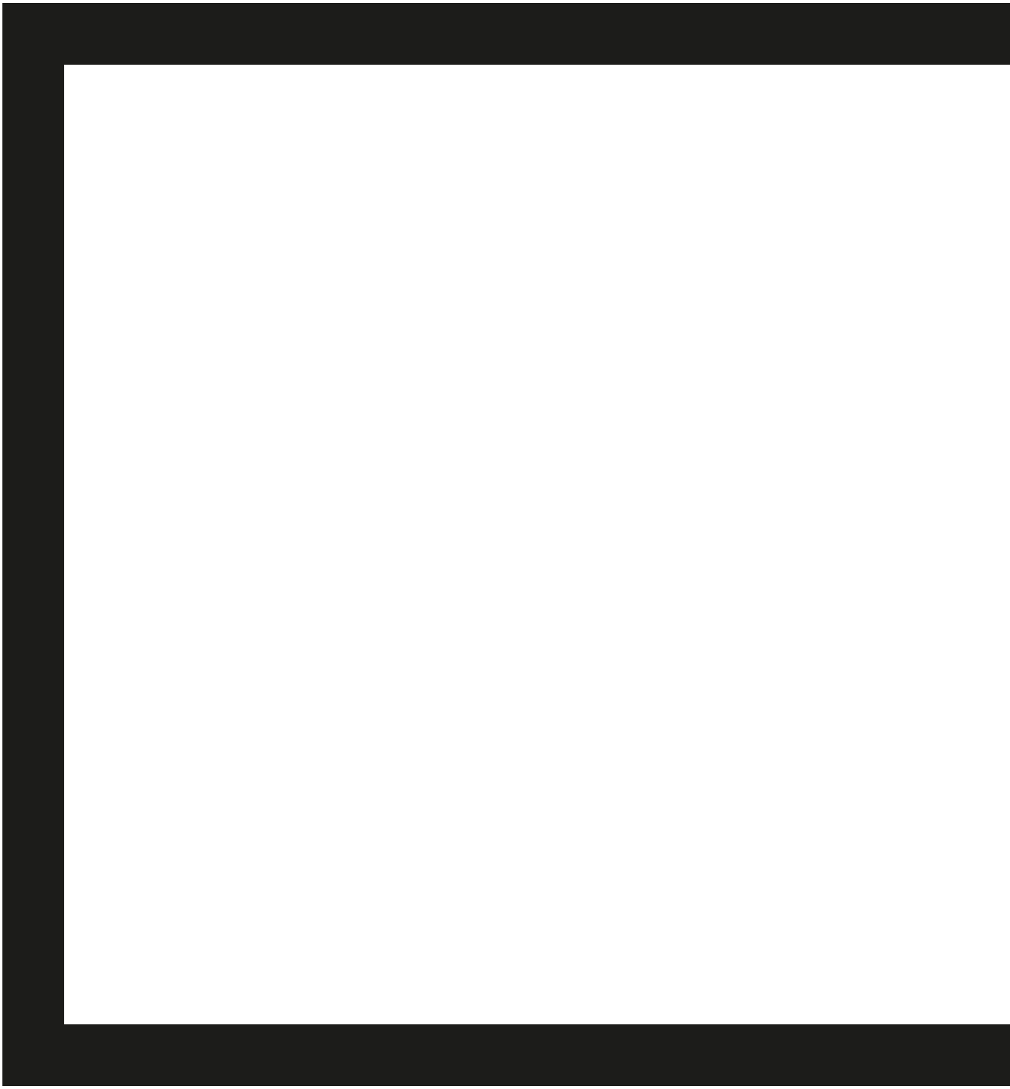

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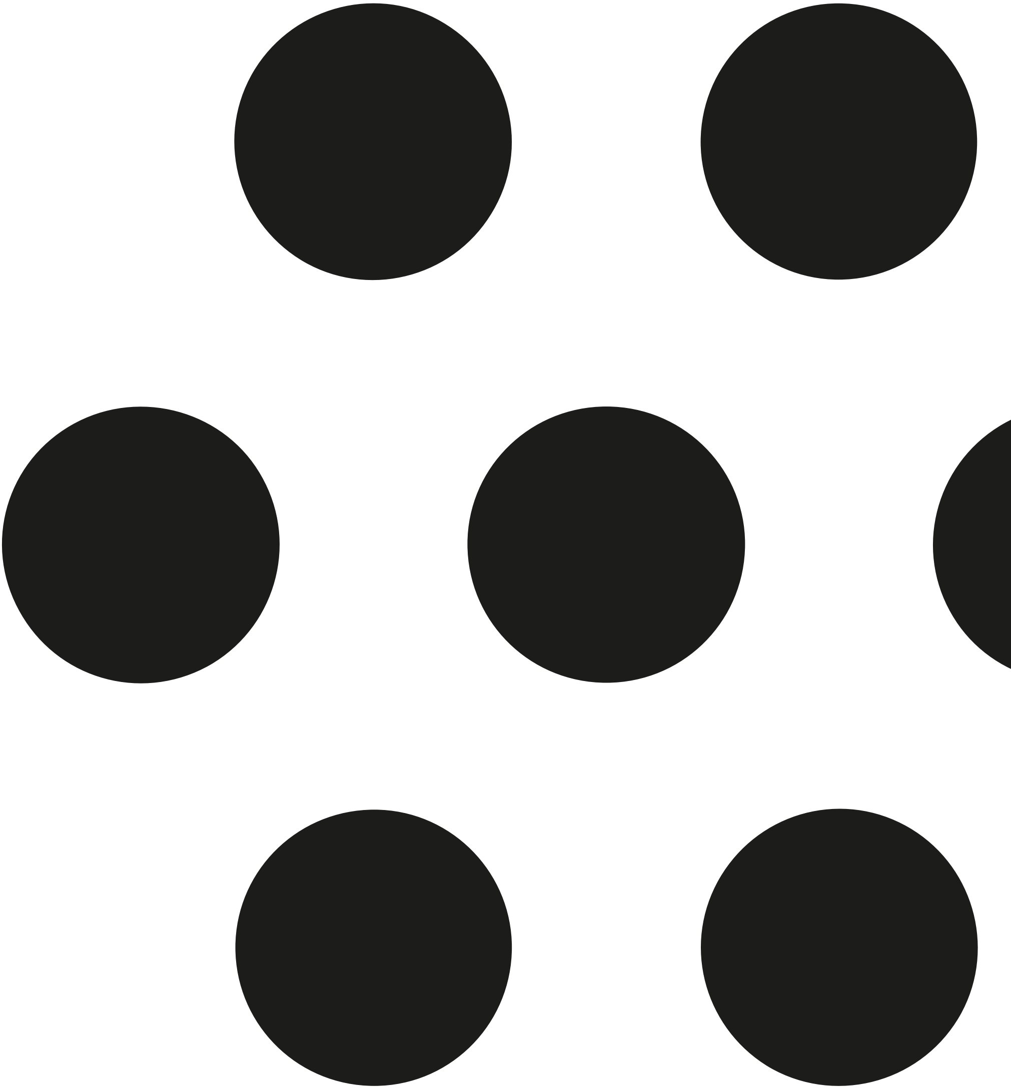

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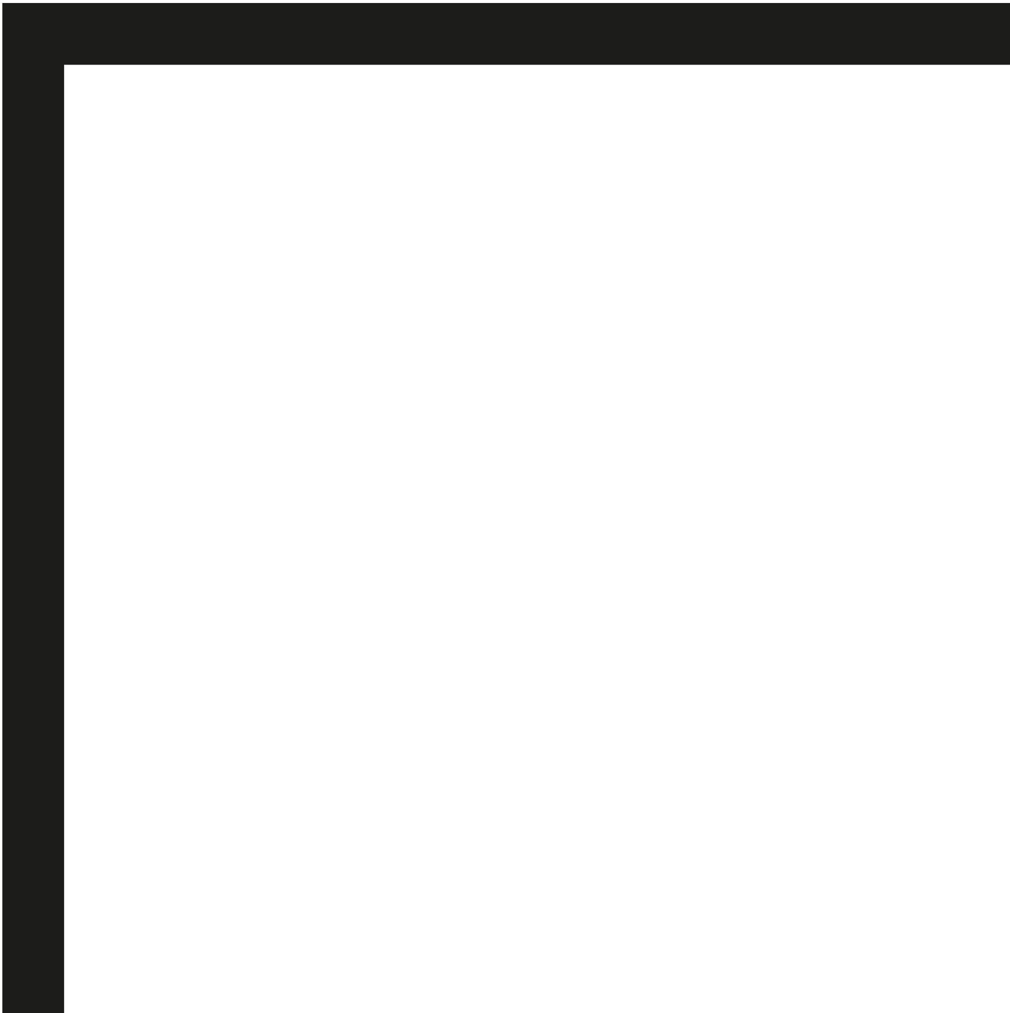

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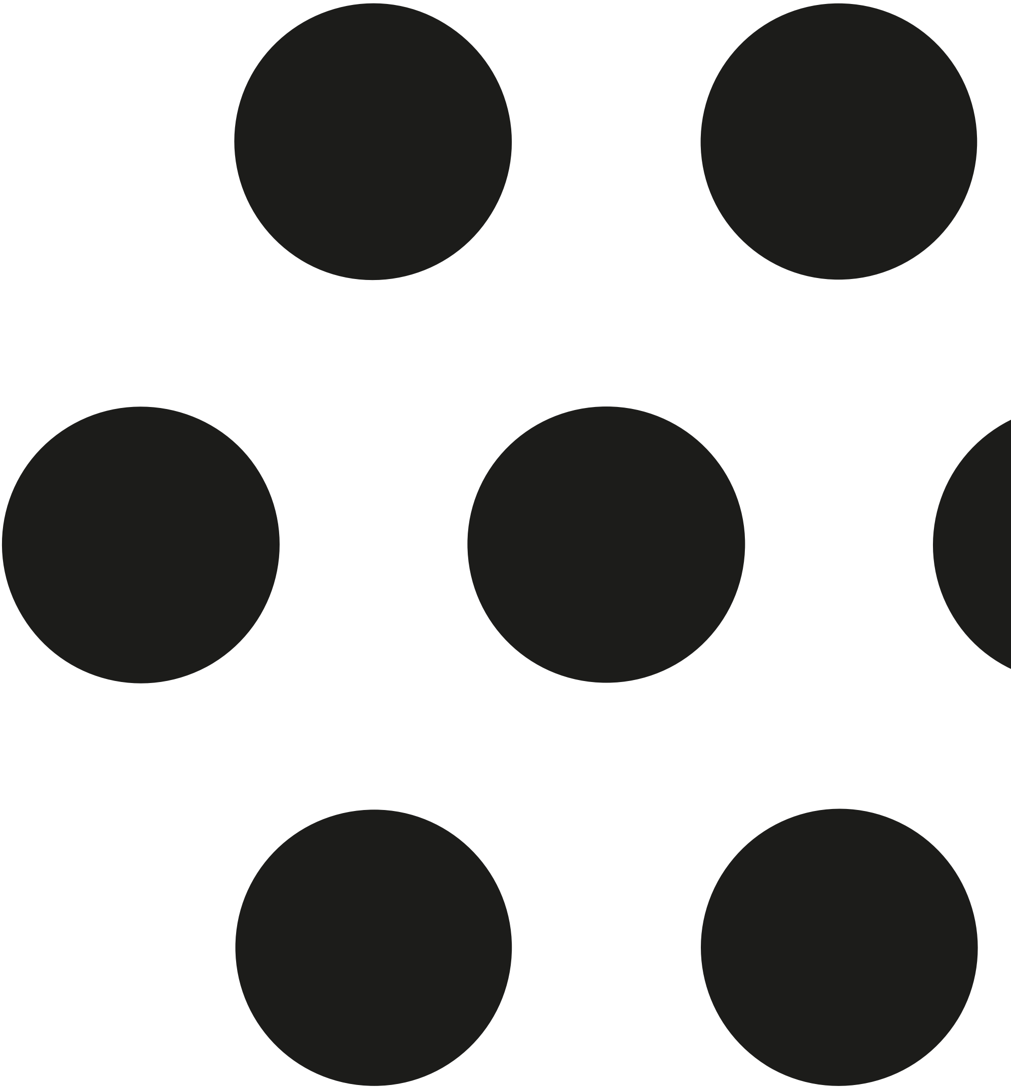

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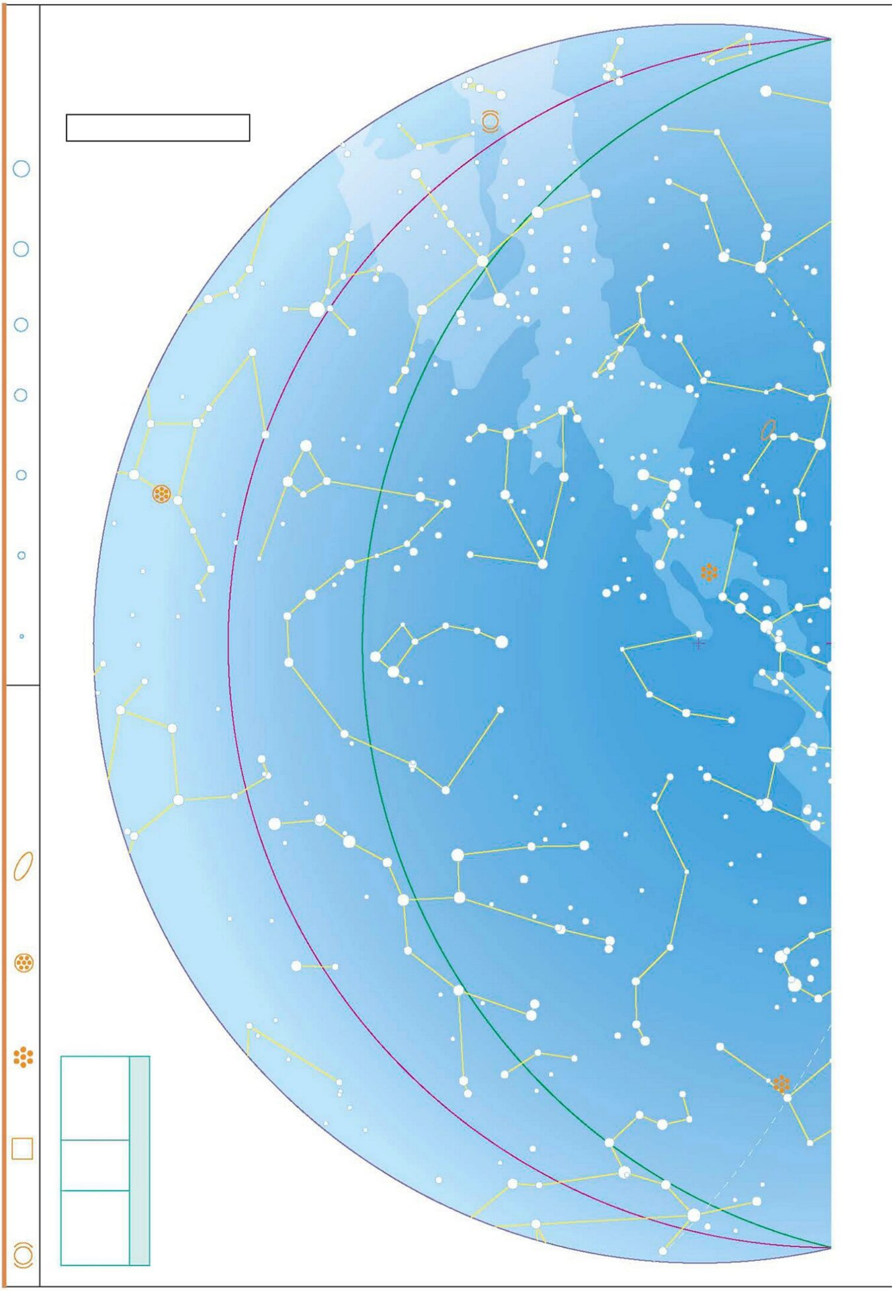

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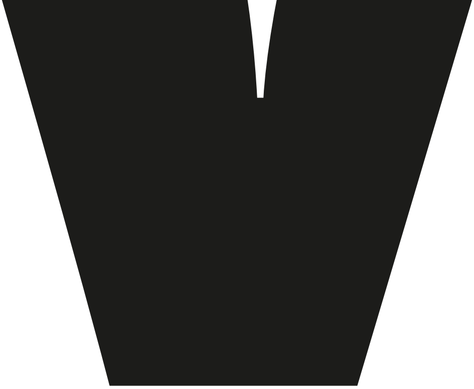

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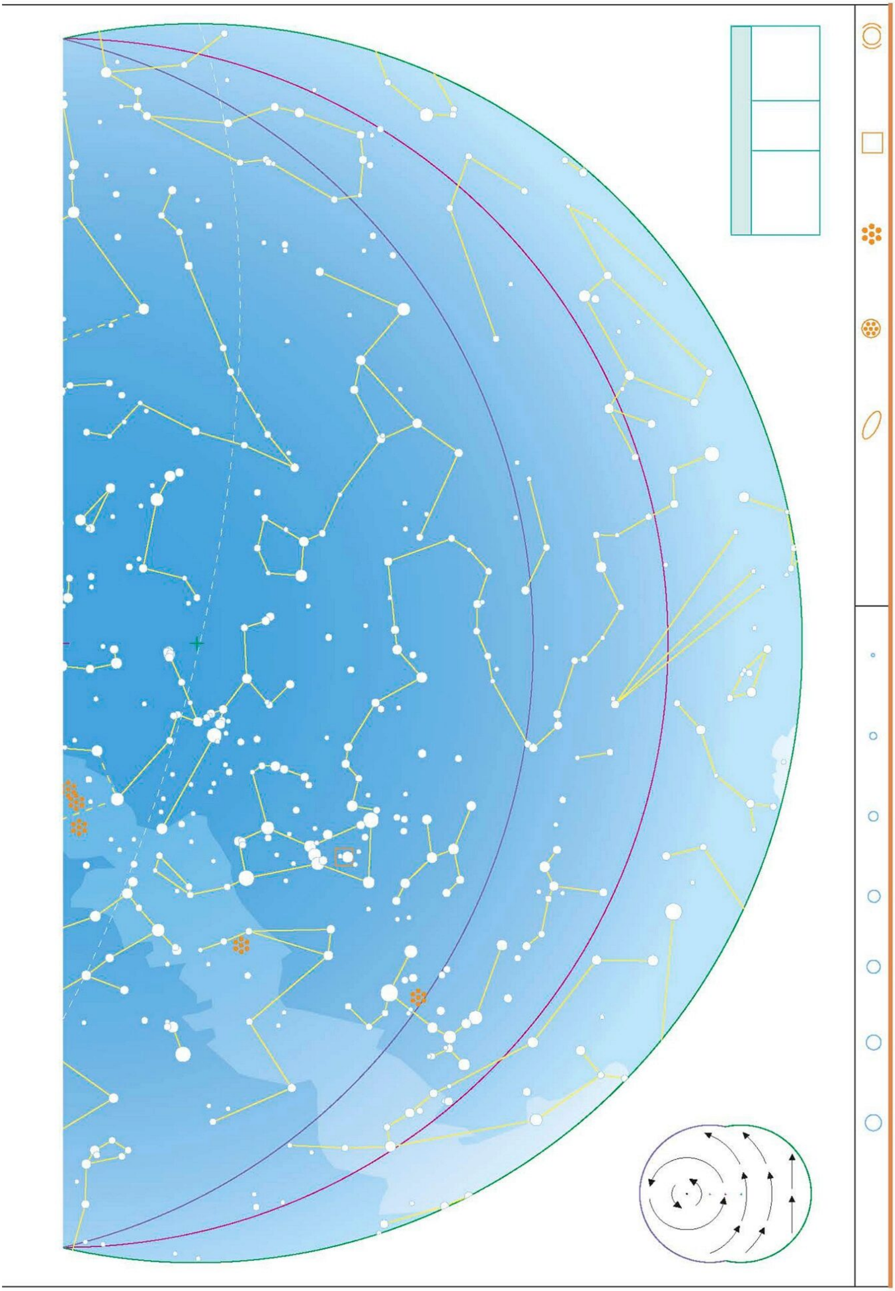

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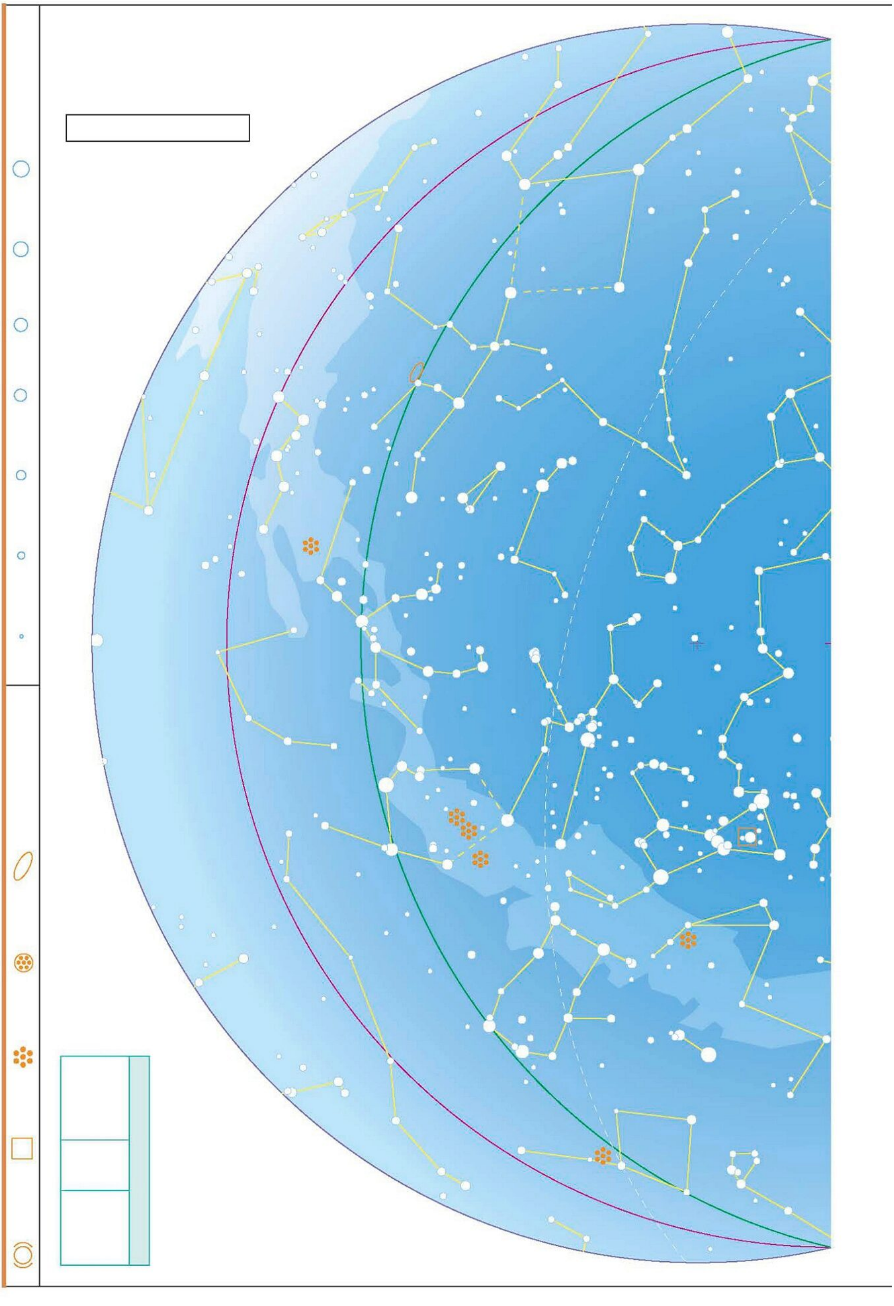

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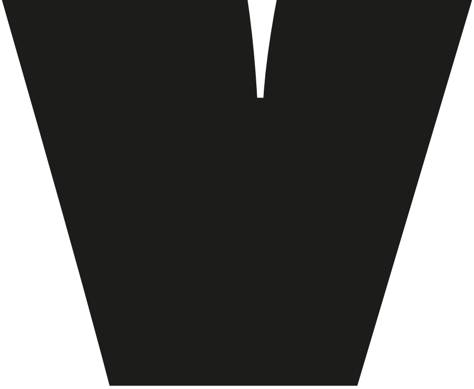

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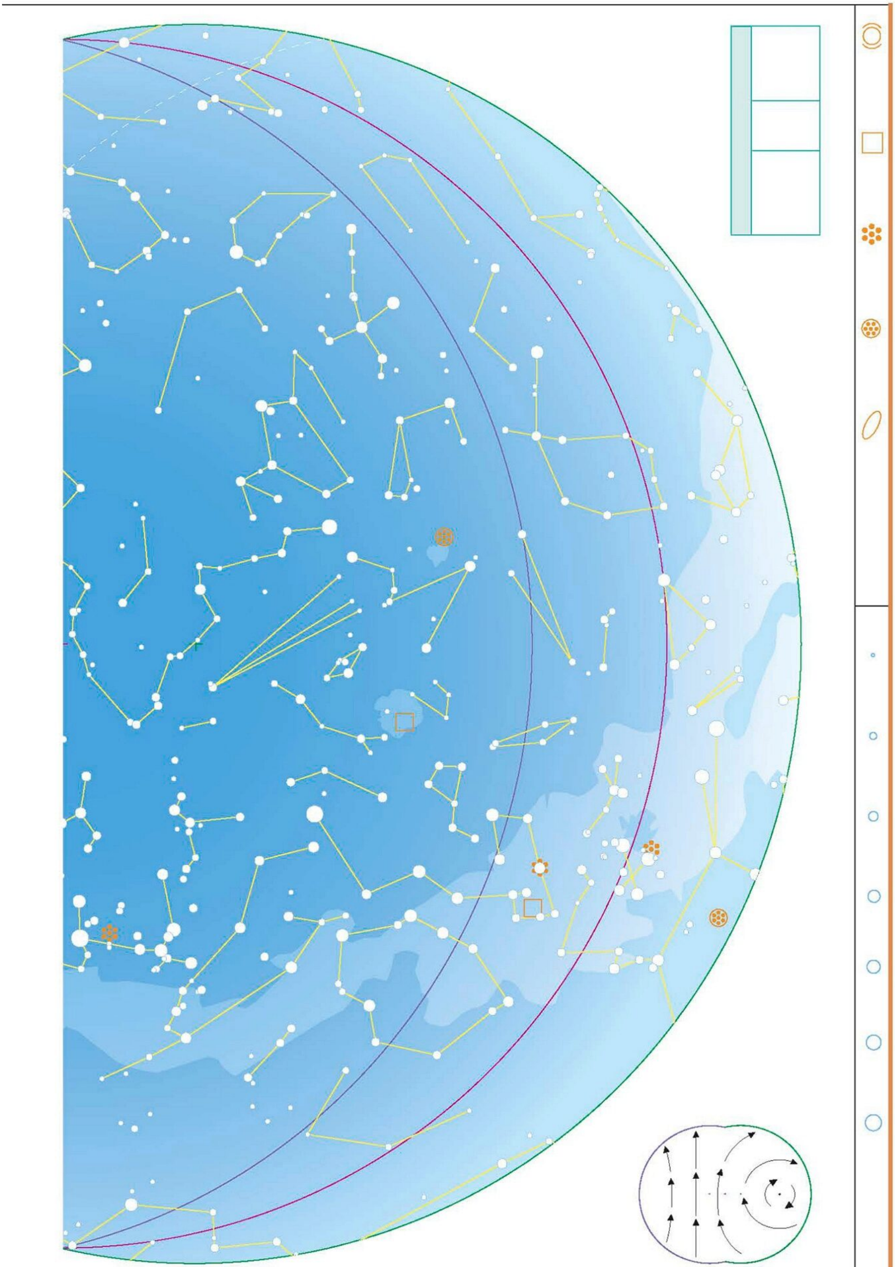

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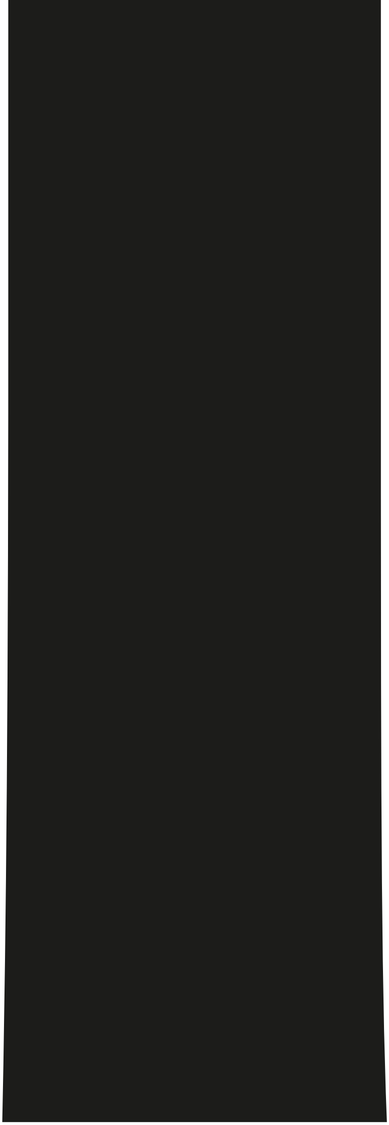

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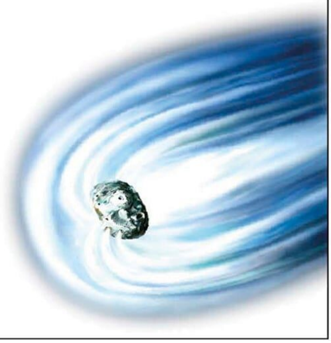

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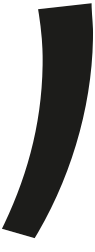

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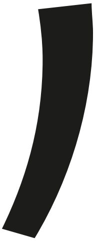

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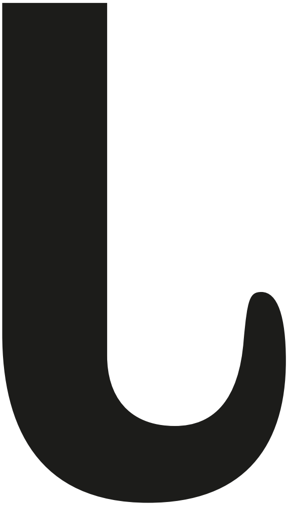

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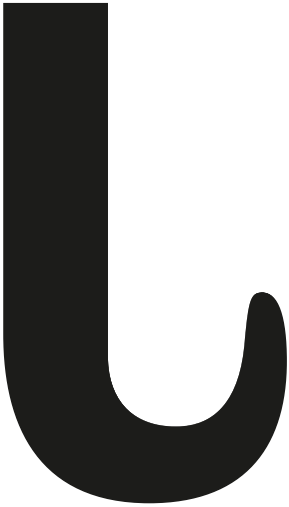

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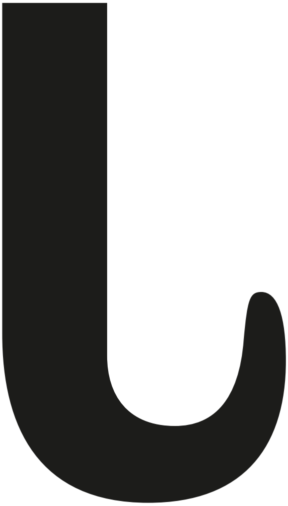

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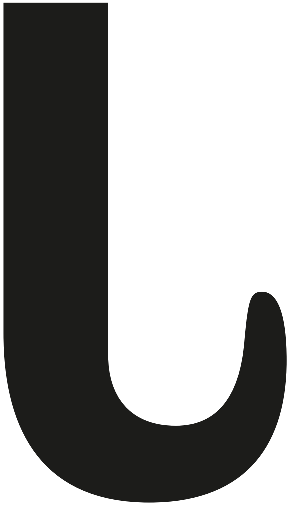

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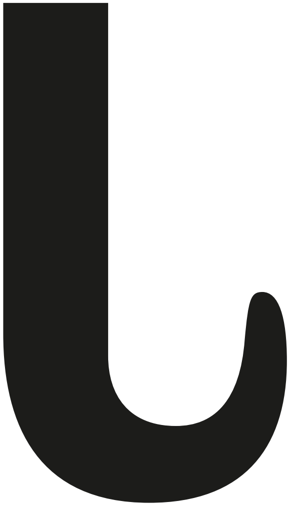

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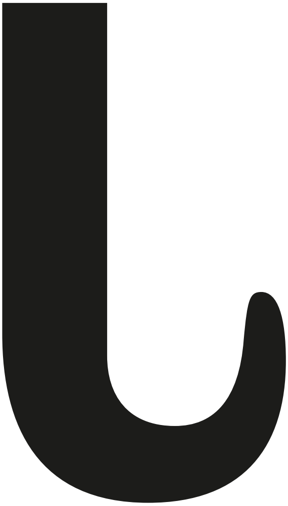

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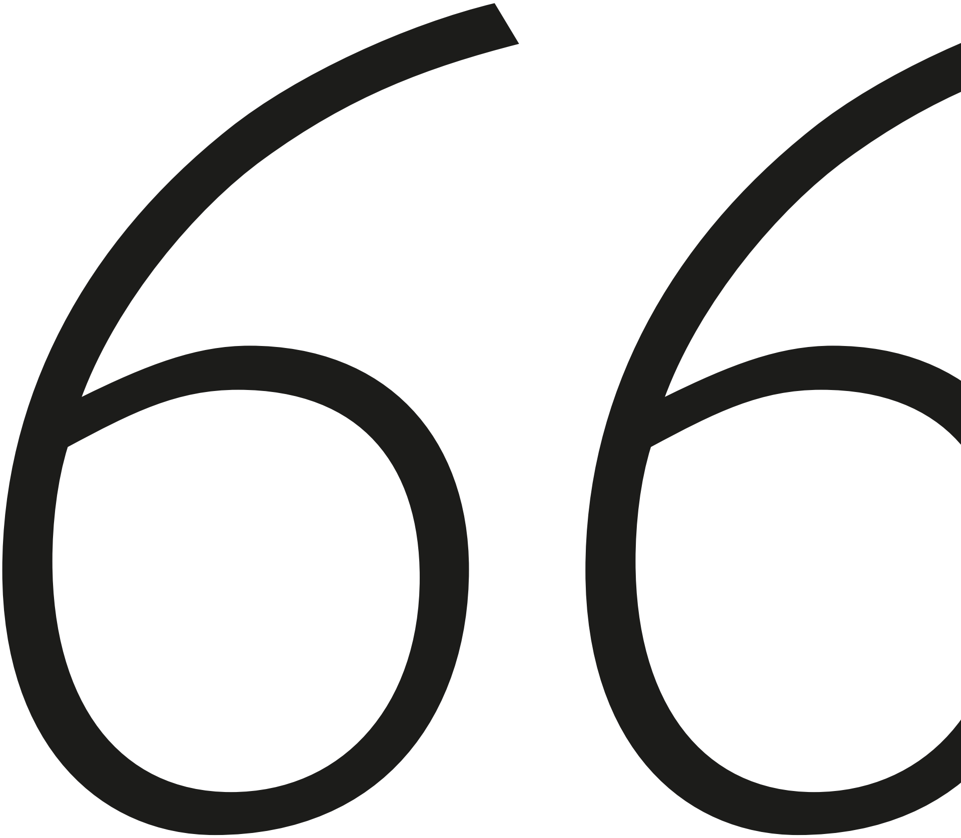

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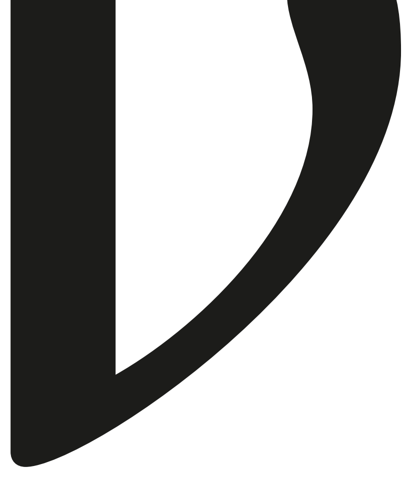

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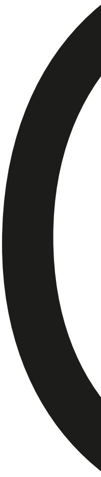

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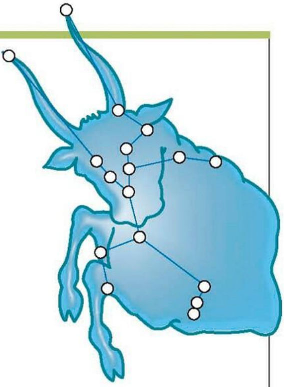

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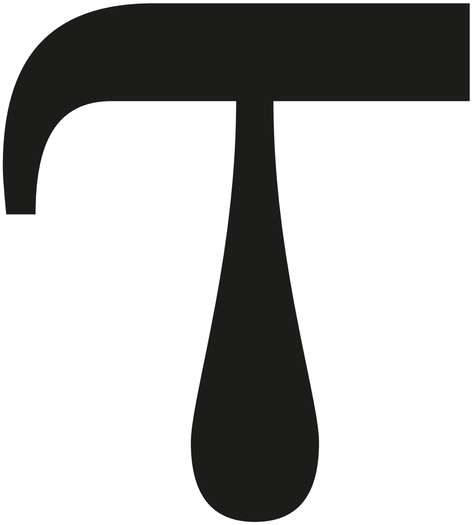

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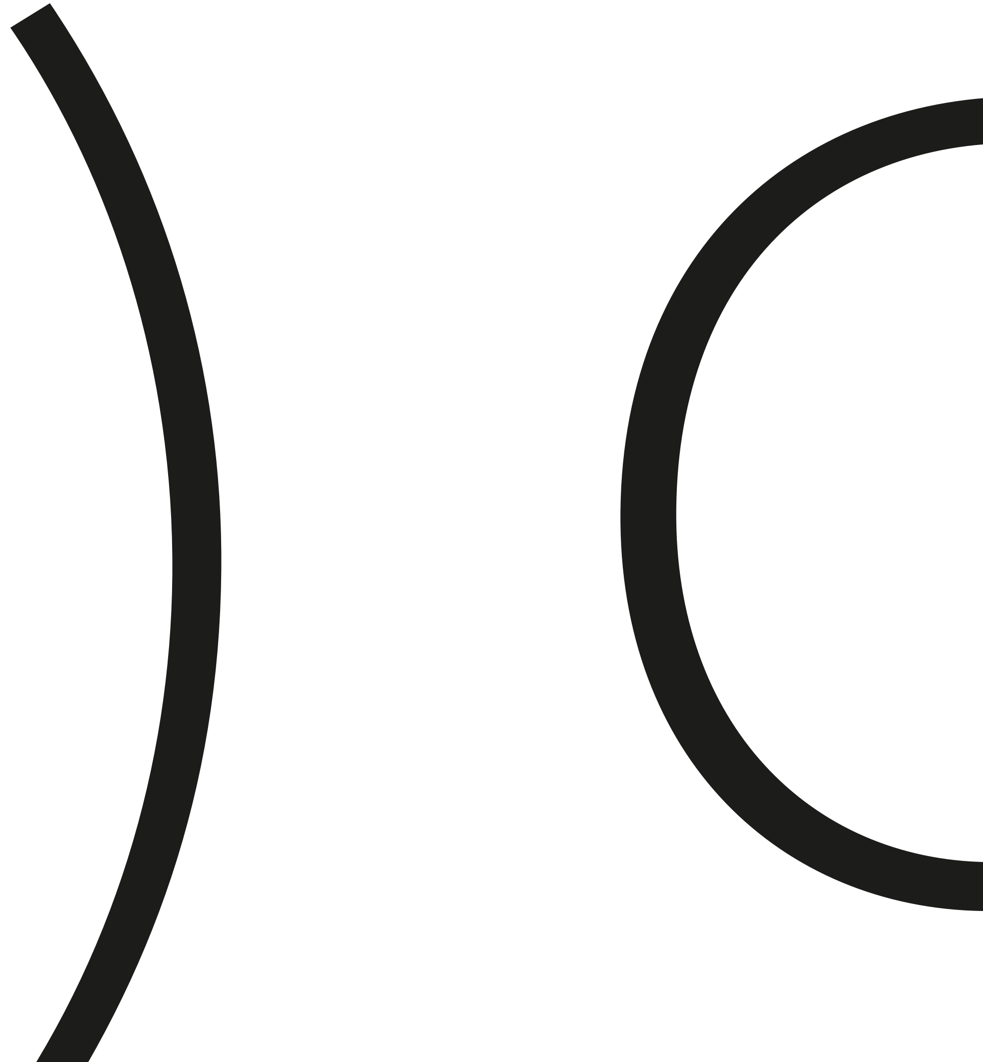

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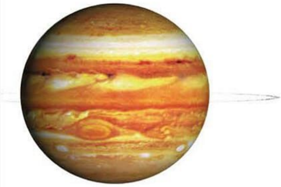

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